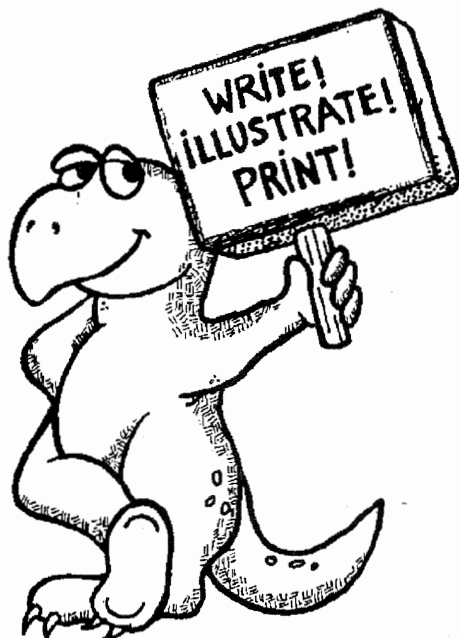


**Toucan Software's**  
**Dinosaur Days™**



***This program speaks for itself\****

**Tons of learning fun with or without the speech feature!**

***Created by the following Toucans:***

Joel Fried  
Ken Grey  
Susan Swanson

Published by  
**Toucan Software**, division of Queue, Inc.  
338 Commerce Drive, Fairfield, CT 06430  
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\*Optional speech feature requires  
Echo Board or Cricket Speech Synthesizer

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**DINOSAUR DAYS™**

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<b>Publisher</b>	Toucan Software
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**Toucan Software's Dinosaur Days™**  
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# **Toucan Software's** **Dinosaur Days™**

## **GETTING STARTED**

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Toucan's Dinosaur Days will provide great learning opportunities and hours of fun for your kids. Whether your children are of Kindergarten, primary, intermediate or junior high age, this program has something to offer. Take a look at the many exciting features in the program.

- Colorful graphics that children can manipulate to create an endless variety of unique scenes;
- Speech bubbles that children can use to create dialogue between the creatures they create;
- Word processing in a variety of font styles and sizes so children can write stories describing the scenes they create;
- A wide variety of print sizes ranging from miniature to Big Book; and
- Speech synthesis that allows the program to "speak" any text a child has typed. (You will need an Echo Board or Cricket Speech Synthesizer to use this feature.)

In this Getting Started section, you'll find a list of equipment you need, loading instructions, directions for installing the Speech Synthesizer, and information on how to use this handbook. If you don't have an Echo Board, skip the Installation Instructions and move ahead to Loading the Program.

## **WHAT YOU'LL NEED**

- Apple IIe with 128K, IIc, or IIGS
- Dinosaur Days program and graphics disk (Disk 1)
- Dinosaur Days Learning Disk (Disk 2)
- Monitor (color recommended)
- Printer (recommended)
- Apple Mouse (optional)
- Blank Disks (optional)
- Echo Board or Cricket Speech Synthesizer (optional)

## **DISK CONFIGURATION**

Your Dinosaur Days disks are set up as follows.

### **Disk 1**

Side 1: Program

Side 2: Backgrounds and Clip Art

### **Disk 2**

Dinosaur Days Learning Disk\*

\*The Dinosaur Days Learning Disk is a self-booting disk that you can use to explore prehistoric times. Simply load the disk into your computer and watch the screen for directions. Use this disk to learn about different dinosaurs and prehistoric plant life. If you need help at any time, press ?.

## **INSTALLING THE SPEECH SYNTHESIZER**

Dinosaur Days works fine with or without the speech feature. However, if you do have an Echo (Ile or IIgs) or Cricket (IIc) Speech Synthesizer, your children have the added advantage of being able to hear what they type. Follow the appropriate procedure below to install the speech synthesizer in your computer.

If you don't have a speech synthesizer, simply skip ahead to the loading instructions.

### **Installing the Echo Board**

To install the Echo Board in your Apple Ile or IIgs computer, make sure you begin with the computer OFF. Follow these steps:

1. To avoid electric shock make sure your computer is OFF.
2. Remove the cover from your computer.
3. Using a gentle rocking motion, insert the ECHO card into any slot except slot #3. Make sure the board is firmly in place.
4. Insert the speaker cable into the jack labeled "mono" on the ECHO card. If you have headphones or stereo speakers, you can connect them to the jack marked "stereo."

*NOTE: The two grey knobs near the speaker jacks control the volume of the left and right channels.*

5. Replace the cover of your computer.

### **Installing the Cricket in the Apple IIc**

To install the Cricket Speech synthesizer in your Apple IIc, follow these steps.

1. Begin with the computer OFF and the power transformer unplugged.
2. Plug the Cricket cable into the modem port (marked with a telephone icon) on the back of your IIc.
3. Connect the cable from the power transformer to the jack on the back of the Cricket.
4. Plug the transformer into a power outlet.

## LOADING THE PROGRAM

To load the Dinosaur Days program:

1. Insert the Dinosaur Days program, label facing up, in Drive 1.
2. Turn on your monitor and computer. If the computer is already on, press the Control, Apple and Reset keys at the same time.
3. In a few seconds the title screen will appear followed by a screen with information on the Speech feature. Press any key to continue.

When the Main Menu appears, you're ready to begin.



Refer to the Reference Guide for step-by-step instructions on how to use each of the Main Menu options.

## HOW TO USE THIS HANDBOOK

This handbook provides something for everyone. There are three main sections: For Kids Only, Reference Guide, and Teaching Guide. Each section is described below.

### **For Kids Only**

This brief guide is designed and written for the child who uses the Dinosaur Days program. This guide takes students through the basic steps involved in making a scene and writing a story. You might want to copy the last page, Important Keys, and let your child post this near the computer.

### **Reference Guide**

This guide provides step-by-step instructions for using each feature in Dinosaur Days. Refer to the Reference Guide when you have specific questions about a particular feature.

### **Teaching Guide**

This guide provides information on the learning opportunities provided by Dinosaur Days' graphics, word processing and speech synthesis tools. Finally, the guide provides individual and small group activities as well as cooperative learning projects which involve the entire class.

## **FOR KIDS ONLY**

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### **WELCOME TO DINOSAUR DAYS!**

Are you ready to return to the days of the dinosaur? Imagine! You can create your own scenes and stories using dinosaurs, prehistoric plants and cave people. You can even mix and combine graphics —dinosaur heads, bodies, props and plants— to create your own crazy scenes. Then you can write your own stories about life in prehistoric times! You can print your creations in different sizes. We'll tell you how.

This part of the Dinosaur Days Handbook is written just for you. Read it to learn how the program works and to get ideas for exciting projects that are sure to impress your teachers and friends. Let's get started.

*HINT: If you're not sure what to do in any part of the program, ask an adult for help.*

### **LOAD THE PROGRAM**

The first thing you need to do is load the program.

1. Insert the Dinosaur Days program, label facing up, in Drive 1.
2. Turn on your monitor and computer. If the computer is already on, press the Control, Apple and Reset keys at the same time.
3. In a few seconds the title screen will appear followed by a screen with information on the Speech feature. Press any key to continue.

When the Main Menu appears, you're ready to begin.

### **DISK SETUP**

Two disks are included in this package. They are setup like this.

#### **Disk 1**

Side 1: Dinosaur Days Program

Side 2: Backgrounds and Clip Art

#### **Disk 2**

Dinosaur Days Learning Disk\*

\*The Dinosaur Days Learning Disk is a self-booting disk that you can use to explore prehistoric times. Load the disk into your computer and watch the screen for directions. Use this disk to learn about the different dinosaurs and prehistoric plant life. If you need help at any time, press ?.

### **WHAT'S ON THE MENU TODAY?**

This is a MENU. Just like a menu in a restaurant, this menu shows you what you can choose.



This happens to be the MAIN MENU. It shows you what you can do with the Dinosaur Days program. These are your choices:

#### **Design a Dinosaur Day**

Choose a background and then add clip art from the Body Shop to design a Dinosaur Day scene.

#### **Write a Dinosaur Diary**

Write a story about your scene.

#### **Your Fossil Files**

See one of the scenes or stories that you have already saved on a data disk.

#### **Print**

Print any of the scenes or stories you've created in these different sizes: MINIATURE,  
STANDARD, TALL, SHORT, SKINNY, BOOK, or **BIG BOOK**.

#### **Utilities**

Make a data disk for saving your scenes and stories. This choice lets you do many other things... but let an adult help you.

#### **Quit**

You're not a quitter, but everyone has to take a break sometime.

#### **How Do You Choose From a Menu?**

Choosing from a menu is easy. It takes just two steps:

1. Press the arrow keys to move the Black Menu Bar to the item you want to choose.
2. Press Return.

That's all there is to it!

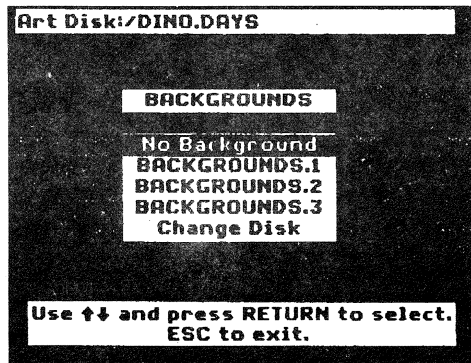
## **OK! DESIGN A DINOSAUR DAY!**

Making a dinosaur scene is easy. First you choose a background for the scene. Then you build the scene using clip art from the Body Shop. Follow these steps to create a Dinosaur Day scene.

### **Choose a Background**

Backgrounds are colorful pictures. You will place clip art characters and props on the background to create your scene. Backgrounds are on Disk 1, Side 2.

1. Insert the Backgrounds (Disk 1, Side 2) in the drive.
2. Choose Design a Dinosaur Day from the Main Menu.
3. Choose No Background if you want to work on a white screen. Or, choose a file from the Backgrounds Menu. Each of these files contains two or more background scenes. You might want to take a few minutes to look through the various files.

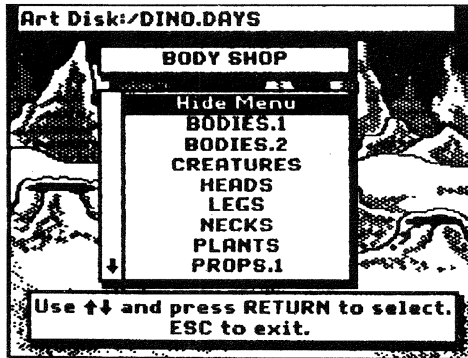


4. When the first background appears it will be covered by a Help Screen. The Help Screen shows important keys you might want to use. Press any key to remove the Help Screen.
5. Press the Space Bar or the arrow keys to see the next background picture.
6. When you find the picture you want to use, press Return. In a moment, the Body Shop Menu will appear.

### **Choose Clip Art In The Body Shop**

Now you are ready to make your scene. The Body Shop Menu lists files of clip art that you can use when you create your scene. Clip art is located on Disk 1, Side 2. You should already have this disk in the drive.

1. Choose a clip art file from the Body Shop Menu. You can use clip art dinosaur parts, plants, and props to create your dinosaur day scene. Press any key to remove the Help Screen that covers the first piece of clip art.



2. Press the Space Bar to see the different pieces of clip art in the file. Stop when you find the one you want to use.
3. Press the arrow keys or use the mouse to move the clip art around the screen.

*Moving Graphics:* You can change the distance a graphic moves by pressing the number keys. To center a character or prop exactly where you want it, press 1. Then when you press the arrow key, the graphic will move a small distance. To move a graphic a larger distance, press 9 (or any number up to 9). Now it will move much faster.

*Flipping Clip Art:* You can flip clip art upside down by pressing V when the graphic is on the screen. You can flip clip art sideways by pressing H.

4. When the clip art graphic is just where you want it, press Return. This "stamps" the graphic in place. If you change your mind and want to move the graphic to a different place, press Delete and return to Step 3. If you want to choose another graphic, press Delete and return to Step 2.

**WARNING:** Once you press Esc to exit to the Body Shop Menu, you cannot return to your scene and delete graphics you've already stamped.

5. Press Esc to exit to the Body Shop Menu. If you like, you can choose another clip art file and place more graphics.

Keep building your scene using these same five steps.

6. If you want to use speech bubbles, read the next section. If you're happy with your scene just the way it is, you can save it and print now. Press Esc to exit from the Body Shop Menu.

### **How to Use Speech Bubbles**

This Body Shop item is very special. Just like in the comics you read, speech and thought bubbles can be placed next to a character who is speaking or thinking. You'll also find boxes and rectangles in the Speech Bubbles file. These are labelling tools. You can type in these when you want to add a title or label to your scene. Let's see how the Dinosaur Days speech bubbles work.

1. Select Speech.Bubbles from the Body Shop Menu. Choose and place the speech bubble clip art just as you did the other graphics from the Body Shop. The entire speech bubble must show on the screen. (Press any key to remove the Help Screen.)
2. Now you're ready to type. Look at the clip art bubble or shape that is now on the screen. Inside you'll see a little line. This is called a cursor. It tells you where your letters will appear when you type.
3. Type a short message inside the bubble.
4. Press Esc when you finish typing.
5. Now you have a few choices.
  - If you want to change what you have typed, choose Change Text.
  - If you want to remove the entire bubble and start again, choose Delete Bubble.
  - If you want to add another bubble, choose Add New Bubble
  - If you like what you have typed, press Esc.

*SPECIAL FEATURE: If you have an Echo Board connected to your computer, you can even hear what your clip art character is saying. Press Apple-P or Apple-T, to hear what you typed inside the bubbles. Check with an adult to see if your computer has an Echo Board.*

### **Save Your Dinosaur**

Now you're ready to save the dinosaur scene.

1. Press Esc to leave the Body Shop.
2. Insert a data disk in a drive. If you don't have a data disk, you can make one now. Ask an adult for help or look in the Reference Guide for instructions.
3. Choose Save Dinosaur from the Utilities Menu that now appears on the screen.
4. Type a name for the scene and press Return.

That's all there is to it. Now you can write your story or print your scene. If you want to print, choose Print Dinosaur from the Utilities Menu and watch the screen for instructions.

### **WRITE A DINOSAUR DIARY**

Writing a dinosaur diary or story is as easy as 1, 2, 3. Begin with the program disk (Disk 1, label facing up) in a drive.

1. Choose Write a Dinosaur Diary from the Main Menu.
2. Choose a Font. A font is the style of the letters that show up on the screen when you type.
3. A Help Screen will appear on top of your story writing screen. Press any key to remove it. Write away! Begin typing your story. If you make a mistake, press Delete to erase it. Then continue typing.
4. When you finish your story, press Esc.

*SPECIAL FEATURE: If your computer has an Echo Board, you can even hear your story. Press Apple-P or Apple-T to hear what you typed. Check with an adult to see if you have an Echo Board.*



## **Save Your Fossil File**

Now you're ready to save your story as a "fossil" file.

1. Insert a data disk in a drive. If you don't have a data disk, you can make one now. Ask an adult for help.
2. Choose Save Fossil File from the Menu that now appears on the screen.
3. Type a name for the story and press Return.

That's all there is to it. Now you're ready to print. Choose Print Fossil File from the Utilities Menu and watch the screen for instructions.

## **DINOSAUR DAYS DESIGN IDEAS**

There's a lot more you can do with Dinosaur Days. You can add borders to your dinosaur scenes, print scenes and stories in many sizes, print scenes in coloring book form, make a data disk, and delete files from a data disk. You can even visit Your Fossil Files. Your Fossil Files is actually a list of all the dinosaur scenes and story files you've saved on a data disk. If you have an Echo Board, you can listen to any text you've typed and even change the way a word is pronounced. For help in doing any of these things, ask an adult. All of these options are explained in the Reference Guide.

With Dinosaur Days, you can make. . .

- storybooks,
- coloring books,
- posters,
- bulletin board displays,
- dioramas,
- comic books,
- big books,
- puzzles,
- games,
- mobiles,
- puppets,
- . . . and more!

Read the next few pages to find out how. Then, it's up to you and your imagination!

*HINT: If you want to turn your printouts into coloring book pages, choose the OUT-LINE print style.*

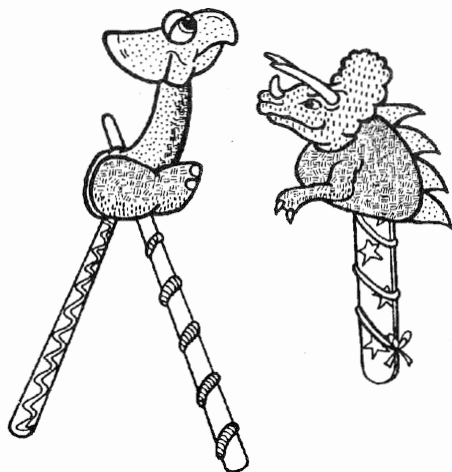
## **Prehistoric Puppets**

Making puppets is easy and fun. Here's a list of the materials you'll need and instructions for making the puppets.

What You'll Need to Get Started:

- Construction paper, oaktag or cardboard for mounting your character
- Fabrics, yarn, ribbon, felt, foil, glitter, cotton, chopsticks or popsicle sticks... anything that can be used to decorate your character
- Crayons, colored markers or pencils
- Scissors and glue

Choose "No Background" and create a dinosaur. Then add plants, props or people to the blank page. Print them in the Standard print size. Mount the characters onto cardboard, color and decorate. Maybe you want to add yarn for hair or felt for clothing. Next, cut the character out and attach it to a chopstick or popsicle stick. Use printouts of the backgrounds for stage backdrops. You can even use the word processor to write your own scripts!



### **Prehistoric Posters**

This is simple fun! Create a marvelously funny scene. Select one of the speech bubbles and stamp it next to a dinosaur or other character in your scene. Think of an interesting caption. Here are some examples:

Keep out! This room protected by...  
(T Rex?)

Keep your room clean!  
What's the password?

Print the scene in Big Book size, tape it together and color it. Hang it on a wall or door.

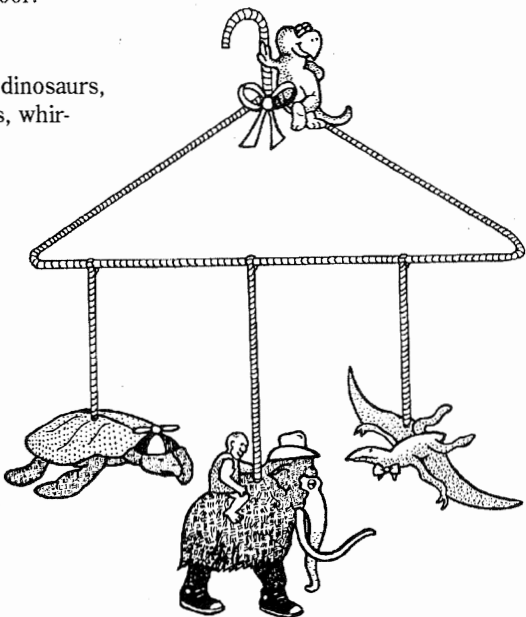
### **Mobiles**

Create a fabulous mobile and have dinosaurs, cave people, and prehistoric plants, whirling around your head all day.

What You'll Need to Get Started:

- Crayons, markers or colored pencils
- Oaktag or cardboard for mounting
- Scissors and glue
- Colored yarn
- Clothes hanger or wooden dowels

Design a Dinosaur Day scene with four "characters" on white backgrounds. Print each scene twice in the Standard print size.



Mount one of each printout onto cardboard. Now color or decorate the characters. Cut out all the characters and glue the matching characters together. Punch a hole in the top of all four of the characters. Loop different colored yarn through each hole, allowing it to be long enough to hang the character from a dowel or hanger. You can wrap yarn around the hanger first so it's fuzzy. Hang the characters at varying lengths to make an exciting mobile.

### **Stationery**

Creating your very own stationery is fun and easy. Choose "No Background" from the backgrounds menu. Next, decide which kind of stationery you want to create. Try a design with dinosaurs or plants in each corner. (Check out the funny dinosaurs in the props files.) Now add a speech bubble and type your name and address in it. Experiment!

### **Coloring Books**

First, design a Dinosaur Day scene and save it. Can you write one sentence about the scene? Great! Save that too. Next, stamp three "characters" on one screen. (This might work best on a white background.) Can you write a simple poem about the characters? Save this too. Now let's design a Dinosaur Day with two characters. Stamp speech bubbles next to each one. What do you want them to say to each other? Let's save these also. Now that you have all of your "pages" saved, go to the print menu and call up each file. Select the Standard print size and choose Outline. Print all of the pages that you have saved. Stack your printouts, punch holes and use yarn or fasteners to hold the pages together. Have fun coloring your masterpiece. Share it with your family, teachers and friends.

### **Dinosaur Dioramas**

Create a fabulous diorama depicting life in prehistoric times.

What You'll Need to Get Started:

- Crayons, markers or colored pencils
- Oaktag or construction paper
- Scissors and glue or tape
- Shoebox or other container

Select one or more backgrounds and print them. Standard or miniature sizes should fit most containers. Color the backgrounds and use them to line the bottom and sides of the container. Create and print clip art dinosaurs, plants and props to decorate the container. Print the clip art in the same size as the background. Cut out the clip art and color it. Cut strips of oaktag or construction paper for clip art supports. Glue them to the back of the clip art, allowing about an inch to extend below the bottom of the clip art. Fold this extension back, making a stand. Create a scene by gluing the clip art dinosaurs, plants and props in the diorama. If you like, add other materials such as cotton and felt to decorate the diorama.

## **DINOSAUR DAYS IMPORTANT KEYS**

---

<b>Press . . .</b>	<b>When you want to . . .</b>
<b>Space Bar</b>	see the next picture
<b>B</b>	see the previous picture
<b>Arrow keys, or mouse</b>	move the menu bar, and move graphics around the screen
<b>Return, or click mouse button</b>	choose from a menu, and to stamp a graphic on the screen
<b>Delete</b>	undo a graphic you've stamped, or erase letters you've typed
<b>H and V</b>	flip graphics from the Body Shop
<b>Esc</b>	exit from a Menu or show that you're finished typing
<b>Apple-?</b>	see a Help Screen
<b>Apple-P or Apple-T*</b>	hear everything you've typed on a page
<b>Apple-W*</b>	hear a word (You must move the cursor to that word first.)
<b>Apple-S*</b>	spell a word (You must move the cursor to that word first.)
<b>Apple-C*</b>	change the way a word is spoken
<b>Space Bar*</b>	hear menu spoken
<b>Apple-V</b>	view finished picture while writing a story

---

\*These features work only if you have an Echo Board or Cricket Speech Synthesizer connected to your computer.

## REFERENCE GUIDE

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This section of the handbook contains detailed information about all the features in the Dinosaur Days program. If you want to familiarize yourself with the program quickly, go through the For Kids Only Guide with the program at your computer. Then read through this Reference Guide for complete step-by-step instructions for using all features in the program. Use the Table of Contents to locate the information you need.

Refer to the Getting Started section at the beginning of this handbook for instructions for installing your Echo Board or Cricket Speech Synthesizer and for loading instructions.

### THE MAIN MENU

Load the program. When the Dinosaur Days Main Menu appears, you're ready to begin. The Main Menu lists the basic options you can choose.



### Selecting a Menu Item

This is the Main Menu. To select an item from this or any menu, simply press the arrow keys to move the black menu bar. When the menu bar is on the option you want, press Return. That's all there is to it. From now on this process of moving the menu bar to an option and pressing Return will be called selecting.

### Creating a Data Disk

If you want to save the scenes and stories you create, you'll need a ProDOS formatted data disk. To format a disk, select the Utilities Option. Next, select Format Disk. Select the location of the drive containing the disk to be formatted and insert a blank disk (or one that contains information you no longer need) in that drive. When you see "Volume Name:," followed by a blinking cursor, type a name for your data disk. Press Return. When the Utilities Menu reappears, you're ready to begin. Press Esc to exit to the Main Menu.

## **DESIGN A DINOSAUR DAY**

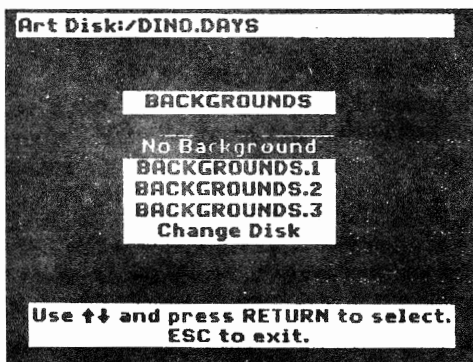
Select this Main Menu option when you're ready to create your dinosaur scene. Designing a dinosaur scene is simple. First you decide on a background (or no background), then you build the scene choosing from a variety of dinosaurs, dinosaur parts and props in the Body Shop. Follow the steps below.

### **Selecting a Background**

A background is a colorful graphic scene. Backgrounds are located on Disk 1, Side 2.

1. Insert the Backgrounds (Disk 1, Side 2) in the drive.
2. Press Return to select Design a Dinosaur Day from the Main Menu.
3. In a moment, the Backgrounds Menu will appear listing the Background files that are available. Each file contains two or more backgrounds from which you can choose. Select a Background file.

If you want to design a dinosaur scene on a white background, select No Background. Then skip ahead to Using Clip Art to Create Your Scene.



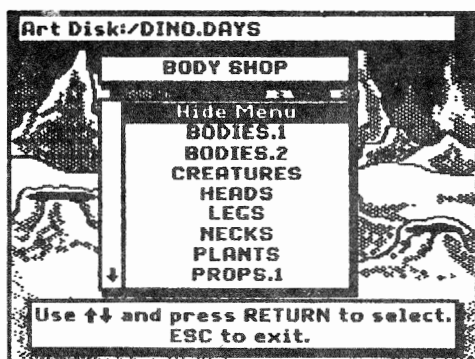
4. When you select a Background file, such as BACKGROUNDS.1, the first background will appear on the screen covered by a Help Screen. Press any key to remove the Help Screen. Then press the Space Bar or the right and left arrow keys to view the graphics in that file.
5. When you find the Background graphic you want to use for your scene, press Return. In a moment, The Body Shop Menu will appear.

### **Using Clip Art to Create Your Dinosaur Day Scene**

Now you're ready to create your dinosaur scene. The Body Shop Menu lists files of clip art that you can use when you create your scene. Clip art is located on Disk 1, Side 2. You should have this disk in the drive already.

1. Choose a clip art file from the Body Shop Menu. You can select dinosaur parts and props from some or all of these categories and put them together in your scene.

In a moment, a Help Screen will appear with all the information you need to know for moving, placing, deleting and flipping the clip art graphics. Press any key to remove the Help Screen. If you'd like to see the Help Screen again, press Apple-?.



2. Press the Space Bar to see the different pieces of clip art in the file. Press B to back up and view the previous clip art. Stop when you find the one you want to use.
3. Now press the arrow keys or use the mouse to move the graphic around the screen.
4. Now press the arrow keys or use the mouse to move the graphic around the screen.

*Moving Graphics: You can change the distance a graphic moves by pressing the number keys. To center a character or prop exactly where you want it, press 1. Then when you press the arrow key, the graphic will move a small distance. To move a graphic a larger distance, press 9 (or any number up to 9). Now it will move much faster.*

*Flipping Clip Art: You can flip clip art upside down by pressing V when the graphic is on the screen. You can flip clip art sideways by pressing H. To return the clip art to its original position, simply press the H or V key again.*

5. When you've positioned the graphic exactly where you want it, press Return or click the mouse to "stamp" it in place.

If you change your mind and want to reposition it, press Delete and return to Step 4. If you want to choose another graphic from the same category, press Delete and return to Step 3.

**WARNING:** Once you press Esc to exit to the Body Shop Menu, you cannot return to your scene and delete graphics you've already stamped.

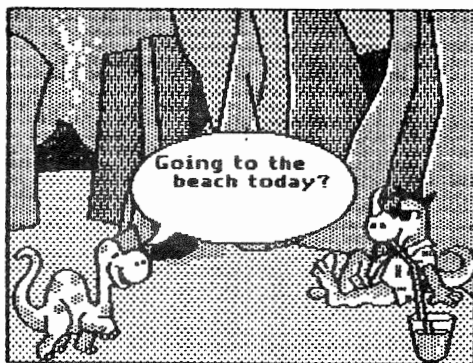
6. Once you've stamped your graphic, press Esc to exit to the Body Shop Menu.
7. Now you're ready to add the next graphic to your scene. To do this simply repeat from Step 1.

If you want to add speech bubbles to your scene, read the next section, Using Speech Bubbles. When you finish creating your scene, press Esc to exit to the Utilities Menu. At this point, you might want to save your scene on a data disk or print it. For saving and printing instructions, refer to the sections, Saving Your Dinosaur and Printing Your Dinosaur.

### **Using Speech Bubbles**

Speech bubbles are clip art graphics with a twist. You can place up to four speech bubbles on a screen. Place a speech bubble next to your clip art characters when you want to show dialogue. You'll also find boxes and rectangles in the Speech Bubbles file. These are labelling tools. You can type in these when you want to add a title or label to your scene. Dinosaur Days speech bubbles are very special because once you position them on the screen, they turn into tiny word processors. And that's not all. These speech bubbles even speak!

\*You must have an Echo or Cricket Speech Synthesizer installed in your computer to hear the speech.



### **Placing Speech Bubbles and Typing Text**

Follow these steps to create speech bubbles.

1. Press the down arrow key to scroll down the list of items on the Body Shop Menu until you reach Speech.Bubbles. Select Speech.Bubbles from the Body Shop Menu.
2. A Help Screen will appear with all the information you need for using a speech bubble. Press any key to remove the Help Screen.
3. The first speech bubble in the file will appear. Select and stamp the speech bubble just as you would any of the clip art in the Body Shop. You must place the speech bubble so that it fits completely on the screen.

Remember to press H if you want to flip the speech bubble so that it is coming from a character on the right side of the screen. Press V if you want to turn the bubble upside-down.

4. Once you've pressed Return to stamp the bubble, a Help Screen will appear with all



the information you need for using a speech bubble. Press any key to remove the Help Screen. To see the screen again, simply press Apple-?.

5. A tiny line will appear inside the bubble. This is the cursor. Type your message and you'll see that the bubble turns into a mini word processor. You can type your text, delete characters, and even take advantage of wordwrap. Press Esc when you finish typing.
6. The Bubbles Menu will appear with a few choices.
  - If you want to change what you've typed, select Change Text and return to Step 5.
  - If you want to remove the bubble and start again, choose Delete Bubble and return to Step 2.
  - If you want to add another bubble, choose Add New Bubble and return to Step 2.
  - If you like what you've typed, press Esc.
7. The Body Shop Menu will reappear on the screen. At this point, you can add to your scene, select more clip art or speech bubbles (up to four per screen), or press Esc to exit.

For saving and printing instructions, refer to the sections, Saving Your Dinosaur and Printing Your Dinosaur.

### **Hearing Your Characters Speak**

If you have an Echo Board or Cricket Speech Synthesizer installed in your computer, you can hear the characters in your scene speak. Begin with your graphic (complete with speech bubbles) on the screen. If the Body Shop Menu is showing, select Hide Menu. When you're ready to hear the dialogue you've written, press Apple-P or Apple-T and voila! The characters in your stories come to life.

### **Special Features in the Body Shop**

The Body Shop contains a few special features that you should know about. These features allow you to make the most of all your Dinosaur Days graphics.

#### **Flipping Designs**

Anytime you have a graphic from the Body Shop on the screen, you can flip it. Press V to flip a graphic vertically (upside down) and H to flip it horizontally (side to side). If you don't like how the graphic looks, simply press the same key to reverse it to its original state. Experiment flipping the Body Shop graphics for the wackiest scenes ever. You'll find that the horizontal and vertical flip features will come in handy when you're placing speech bubbles.

#### **Changing Disks**

Select this option when you want to load Backgrounds or graphic (clip art) from another disk. This option allows you to mix graphics stored on different disks.

*NOTE: Pressing Tab performs the same function as selecting Change Disk. If you press Tab, the program will move from one drive to the other.*

## **Saving Your Dinosaur**

If you want to save your scene, follow these steps. Begin with the Utilities Menu on the screen. (Press Esc if the Body Shop Menu is still on the screen.)

1. Insert a data disk in a drive and press Return to select Save Dinosaur from the Utilities Menu.
2. Type a name for the scene and press Return.

That's all there is to it. Now your scene is saved on your data disk. You can come back and add to it at any time. Simply choose Your Fossil Files from the Main Menu, select Dinosaur Picture, and load this file.

## **Printing Your Dinosaur**

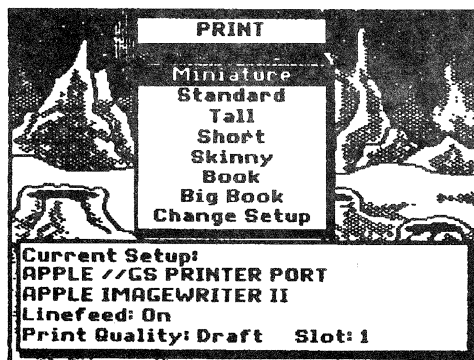
If you want to print your dinosaur scene, follow these steps.

1. Select Print Dinosaur from the Utilities Menu.
2. In a moment, the Borders Menu will appear.



3. Select a Border Option.
  - Select No Border to print your design without a border.
  - Select Borders.1 and press the Space Bar to view the different borders in the file. Press Return to select a border, or Esc to exit to the Borders Menu.
  - Select Change Disk to choose a Border from another Art disk.
4. Follow the instructions on the screen to insert the program, Side 1 of the Dinosaur Days disk, in any drive and press Return.
5. In a moment, the Print Menu will appear listing the various print sizes. At the bottom of the screen, you'll see the current setup. Make sure the Current Setup lists the printer and interface cards you are using, and that the appropriate Print Quality (Draft or High) is set. If you want to change the program's Current Setup, select the Change Setup option. (See Change Setup for more information.)

*NOTE: Print in Draft quality when you want a quick printout (and when you want to spare your printer ribbon). Print in High quality when you want a final, professional looking printout.*



6. Select a print size.

*NOTE: If you select the Book print size, your graphic and story will print to fit exactly on an 8 1/2 by 11-inch sheet of paper. It will not print a border even if you've selected one.*

7. Select a Print Style, Normal or Outline. Normal will print what appears on the screen. Outline will print an outline of your creation.

*WARNING: The program will freeze if your printer setup does not match its Current Setup.*

8. Check one last time to make sure your printer setup matches the Current Setup. Press Return to begin printing.

## **WRITE A DINOSAUR DIARY**

Before you begin writing your diary or story, make sure you have a formatted data disk for saving your creation. Read the section Creating a Data Disk if you want instructions for formatting a data disk.

Now you're ready to write your story. Begin with the program disk (label facing up) in a drive and follow these steps:

1. Select Write a Dinosaur Diary from the Main Menu.
2. When the Fonts Menu appears, select the font you want to use.
3. In a moment, the diary or writing screen will appear along with a Help Screen. This screen provides you with all the information you'll need for writing your story, deleting letters, and hearing what you've written. You can see the Help Screen at any time by pressing Apple-?. For now, press any key to remove the Help Screen.
4. The cursor appears in the upper left-hand corner of the diary screen. The cursor is a marker that lets you know where the text you type will appear. Begin typing your story . . . Write away!
5. When you finish writing your story, press Esc to exit to the Utilities Menu. At this point, you might want to save your story (as a Fossil File) on a data disk or print it. For saving and printing instructions, refer to the sections Saving Your Fossil File and Printing Your Fossil File.

## Hearing Your Story

You can hear what you've written at any point during or after typing. Press Apple-P or Apple-T to hear your story page read back one word at a time. Press Apple-C to change the way a word is pronounced (or to change the pitch and volume levels). For more details on changing the way the computer pronounces a word, refer to The Speech Feature.

## Saving Your Fossil File

When you're finished writing your story you can save it as a fossil file. If you want to save your story, follow these steps.

1. Insert a data disk in a drive and press Return to select Save Fossil File from the Utilities Menu.
2. Type a name for your story and press Return.

That's all there is to it. Now your story is saved on your data disk.  
For printing instructions, read on.

## Printing Your Fossil File

If you want to print your story, follow these steps.

1. Select Print Fossil File from the Utilities Menu.
2. In a moment, the Print Menu will appear listing the various print sizes available to you. At the bottom of the screen, you'll also see the Current Setup. Make sure Current Setup lists the printer and interface cards you are using. If it doesn't, select the Change Setup option to select the setup which matches yours. (See the Change Setup section for more information.)



3. Select a print size.
4. Check one last time to make sure your printer setup matches the Current Setup. Press Return to begin printing.

## THE SPEECH FEATURE

Dinosaur Days has a speech feature that allows you to hear what you have typed. You may want to hear your text while you are writing your story. Or, you might want to write the entire story (or speech bubbles on a scene), save it, load the file later, and let the program tell it to a friend.

*NOTE: To take advantage of the Speech feature, your computer must be equipped with an Echo Board or Cricket Speech Synthesizer.*

Begin with the text you want to hear on the screen. If you need to load a file you've already created, select Your Fossil Files from the Main Menu. When your text is on the screen, use the following commands to hear it.

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Press	When you want. . .
Apple-P or Apple-T	to hear the entire page of your story or all the text you've typed within speech bubbles on your scene.
Apple-W	to say a word. (You must move the cursor to the word you want to hear before you press Apple-W.)
Apple-S	to spell a word. (You must move the cursor to the word you want to hear before you press Apple-S.)
Space Bar	to stop the speech.
Apple-C	to go to the Speech Control Menu. Here you can change the delay between words, pitch, volume level, and speech pronunciations. (See Speech Control below for more details.)
Apple-V	to view the last graphic you worked on. (If you are writing your story about a scene you've created, this feature helps remind you of the scene.)

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### Speech Control

The Speech Control option gives you control over certain speech features such as: delay between words, pitch, volume and the way a word is pronounced. Press Apple-C to see the Speech Control Menu.

*NOTE: The Speech Control option is also available when you select Change Setup from the Utilities option on the Main Menu.*

### Delay Between Words

Select this option if you want to change the length of silence between words as they are spoken. Young and learning impaired children, for example, may prefer a longer delay between words. Press the arrow keys to adjust the length of delay.

## Pitch

Select this option and press the arrow keys to adjust the pitch.

## Volume

Select this option and press the arrow keys to adjust the volume.

## Edit Speech

The computer pronounces some words incorrectly. Why?

Many words have similar spellings, but are pronounced quite differently (heart, hear, heard; thought, though). Some words are spelled differently and pronounced the same (hear, here; two, to, too). A person learning English as a second language has difficulty mastering these pronunciations. The computer needs a little help too. That's where the Edit Speech option comes in handy.

Here are a few words you might want to listen to and then fix using the Edit Speech option on the Speech Control Menu.

WORD	CORRECTION
baseball	base-ball*
heart	hart
listen	lissen

\*Sometimes, the only way to correct the pronunciation of a word, is to divide it into two words for the computer to pronounce. When you do this, insert a hyphen between the words.

When you're ready to change the way a word is pronounced, select Edit Speech from the Speech Control Menu. In a moment, the Edit Speech screen appears. Here are your choices.

- Press A to add a word to this list.
- Press the arrow keys and then Return to edit a word that's already on this list.
- Press R to remove a word from the list.
- Press Esc when you've finished making corrections.

## Adding a Word

Follow these steps to add a word to the list.

1. Press A to add a word to the list.
2. At the prompt, Say this:, a blinking cursor appears. Type the word that is currently mispronounced, for example, baseball. Then press Return.
3. The cursor will move to the bottom prompt, As this:. Spell the word in the way you think the computer will pronounce it correctly. In this example, you would type base-ball. Then press Return.

**Say this:**

baseball

**as this:**

base-ball

4. Now you have a few more choices.
  - Press Return to move the cursor to the line you want to hear.
  - Press Apple-T to hear how the word sounds. If you don't like the way the word sounds, try another spelling combination.
  - Press Esc when you're finished
5. When you press Esc, you'll notice that your edited word has been added to the Edit Speech screen. If you want to add more words, repeat from Step 1.

If you've finished adding words, press Esc to return to the Speech Control Menu. The program will ask you if you want to save the speech changes you made with your story. It's a good idea to save your changes. That way, each time you load your work from the data disk, all words will be pronounced as you have specified.

## **YOUR FOSSIL FILES**

Select this Main Menu option when you want to retrieve one of your scenes or stories from a data disk. Begin with your program disk in one drive and your data disk in the other. If you have a one-drive system, the program will tell you when to insert your data disk. Just watch the screen for instructions.

1. Select Your Fossil Files from the Main Menu.
2. In a moment, the Fossil Files menu will appear.
3. Now, your choices are obvious.
  - If you want to load a scene you've created, select Load a Dinosaur Picture.
  - If you want to load a story you've written, select Load a Dinosaur Diary.
4. In a moment, a screen will appear listing all the scenes or stories available on your data disk.
5. Select the file you want to load.
6. In a moment, your creation will appear on the screen. You may continue working on your scene or story, listen to any text you've typed, or exit to the Utilities Menu to print your creation.

## **PRINT**

The Print option on the Main Menu works in the same way as selecting Print from the Design a Dinosaur Day or Write a Dinosaur Diary Utilities Menu. Simply select this option from the Main Menu and then decide if you want to print a dinosaur picture or a story (fossil file) that you've already created. Insert the data disk on which you've saved your picture or story and select the file you want to print. For specific printing instructions, see *Printing Your Dinosaur* or *Printing Your Fossil File* in this guide.

## **UTILITIES**

This option is provided on the Main Menu so that you can format a data disk before you begin creating your scenes or writing your stories. When you select Utilities from the Main Menu, you can perform the following operations.

## **Change Setup**

Once you select Change Setup, you have the following options.

### **Printers**

Select this option to tell the program which printer you have connected to your computer. Use the arrow keys to scroll through the list and press Return to select the printer you're using.

### **Interfaces**

Select this option to tell the program which printer interface card you're using. Use the arrow keys to scroll through the list and press Return to select the interface you're using.

### **Linefeed**

Select this option to turn Linefeed on or off. For example, if you print a scene and the entire design is printed on one line, you should turn Linefeed on. If your printout skips lines, turn Linefeed off.

### **Interface Slot**

Select this to indicate in which Slot your printer interface card is inserted.

### **Speech Control**

This option works the same way here as it does when you press Apple-C to change speech features. When using the Speech feature, it allows you to increase or decrease the delay between words, change the pitch or volume, or edit speech exceptions (change the way words are pronounced).

### **Format Disk**

This option allows you to create a ProDOS formatted data disk for saving your dinosaur scenes and stories. To format a disk, select Utilities. Next, select Format Disk. Select the location of the drive containing the disk to be formatted and insert a blank disk (or one that contains information you no longer need) in that drive. When you see "Volume Name:," followed by a blinking cursor, type a name for your data disk. Press Return.

### **Delete File**

This option allows you to delete a file from your data disk. For example, if you run out of room on a data disk, you can delete files you no longer need and make room for your current creation.

*NOTE: Make sure you no longer need the file you're deleting. Once you delete it, you cannot get it back.*

## **QUIT**

Select this option from the Main Menu when you want to exit to ProDOS.



## **TEACHING GUIDE**

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Dinosaur Days was designed with classroom use in mind. Whether you work with primary, intermediate or junior high students, with one computer or many, Dinosaur Days challenges your students to expand their intellectual and creative potential. The program also engages students in creative writing with a Science curriculum focus.

Since Dinosaur Days includes flexible tools for writing, reading, listening, and graphic design, it supports a wide range of learning styles and ability levels. This guide provides information on the learning opportunities Dinosaur Days offers, as well as practical suggestions for using the program to engage students in writing projects for the Science curriculum.

### **USING DINOSAUR DAYS AS A LEARNING TOOL**

Dinosaur Days includes an easy-to-use word processor, complete with a selection of font styles and sizes, wordwrap, and delete capabilities. If you have an Echo or Cricket Speech Synthesizer installed in your computer, you can also take advantage of the speech feature.

Word processing and speech synthesis are powerful learning tools for students at various stages in literacy development. Young and primary beginners, learning disabled and handicapped students, and non-native English language beginners can benefit from using Dinosaur Days. These students share a variety of learning difficulties which can be addressed by the program. Although there are obvious benefits to using Dinosaur Days to support your Science curriculum, the program's graphics, word processing and speech features can provide students with support in the following areas.

#### ***Visually Tracking Words***

Some students have difficulty learning the left-to-right and top-to-bottom visual patterns used during reading. The speech feature helps children practice visually tracking words within text. When the student presses Apple-P or Apple-T, all the words on a page are read one at a time. Each word is highlighted as it is read, thus guiding the student's eyes in the correct pattern across the screen. You can even control the rate at which the words are read by adjusting the delay between words on the Speech Control Menu.

#### ***Reducing the Physical Burden of Writing***

Writing is a physical as well as cognitive and social act. Many young and handicapped students have important things to say, but are frustrated because they lack the fine motor skills required to write by hand. Word processing allows students to form letters at the press of a key, thus reducing the physical burden involved in writing by hand. This provides them with a powerful tool for self expression.

#### ***Improving Spelling***

If a child is unsure how to spell a word, she can have the program spell and pronounce the word she has typed. If she hears what she expects, her understanding is confirmed. If she hears something different, she can make changes and try again. In other words, the auditory feedback helps children in their spelling and decoding efforts by allowing students to verify spelling rules and exceptions to those rules.

*NOTE: Dinosaur Days has an option (Edit Exceptions) that lets teachers or students correct the sound of words that are mispronounced due to irregularities in the English language. The process of correcting pronunciations is another learning opportunity for students. It allows them to gain a sense of the patterns and irregularities of English spelling.*

### **Writing a Complete Sentence**

Children often have difficulty writing a complete sentence. With Dinosaur Days, children can write a sentence and have the program read it back. The Speech feature provides instant auditory feedback. Upon hearing his sentence or text read aloud, the child will recognize many problems that he might not identify when reading the written page (e.g., missing verb, no punctuation between sentences, even subject-verb agreement errors).

### **Motivating Students to Read and Write Across the Curriculum**

Students of all ages will enjoy the combination of graphics and text offered by Dinosaur Days. The pictures provide great motivation for learning more about science. Furthermore, students, who might not otherwise have much to say about what they're studying, will love combining graphics and speech on the scenes they create. They might begin by writing a small amount of text in a speech bubble and eventually expand to writing a story to describe their pictures.

### **Improving Comprehension**

Students reading a passage in a book have to struggle with unknown words. Their ability to decipher these words determines the level of meaning they grasp from the text. They may try to "sound out" the word, but this often ends in failure and frustration. Since the speech feature allows students to hear any unknown word in a passage, students are less likely to get "hung up" on one word and are freer to concentrate on the overall meaning of the text. The speech feature provides students with a new tool for identifying words and unlocking the meaning in a sentence or passage. The pictures also aid comprehension and help bring the subject matter to life.

### **Taking Risks in Reading and Writing**

Students who write with a word processor are more likely to take risks in their writing. The fear of failure is reduced since mistakes are so easy to correct. With the added benefit of the speech feature, students will be even more inclined to take risks. When a student can hear what he writes, he'll be able to identify and correct mistakes even easier. Also, students who read text from the screen, have the added support of being able to hear any word in the text that they might not know.

### **Drafting and Editing Text**

Word processing can enhance the entire writing process — Prewriting, Drafting, Editing, Revising, and of course, Publishing. Students will enjoy using the Dinosaur Days word processor since it allows them to manipulate their words more easily than would a pencil and paper. They are also more likely to experiment with their text since making changes and corrections is so easy. When the student is ready to edit or revise, she will

not have to painstakingly recopy each word. The word processor allows her to edit quickly and easily. The essential task of rereading is also simplified since computer printouts are much neater than handwritten text.

### ***Publishing and Sharing Work***

Dinosaur Days fits perfectly into the publishing stage of the writing process. It is a perfect publishing tool because it allows students to produce a clean, professional looking final product. Students can even accompany the work with a scene for illustrative purposes. Publishing this work by sharing it with an audience or displaying it in the classroom is a perfect way to provide students with this important sense of audience. Also, sharing and displaying work helps students demonstrate their knowledge of the content.

### ***Collaborative Writing***

Writing at the computer reinforces and enhances the dynamic, social nature of writing. Walk into any computer lab and you'll find students huddled around the computer, discussing what is on the screen. Students who work together learn from each other. They also have the rare opportunity to talk about language (e.g., which word to use, how to phrase a sentence, etc.). There is also great value in discussing and sharing the content material. Students may be motivated to experiment with different styles of writing, research the topic in greater detail, and take even more risks when working with a partner.

## ***CLASSROOM ACTIVITIES***

The following activities offer specific ways for using Dinosaur Days in the classroom. These activities take advantage of all the exciting features of Dinosaur Days — wonderful graphics, sophisticated word processing, and printing in a variety of sizes. Some activities also take advantage of the speech feature although it is not an essential component.

Many of the activities are designed as cooperative writing projects. Students are encouraged to work together, discuss their writing and produce a final product to be shared or published. Other activities may be completed as individual or small group projects. Activities can easily be adapted to fit your needs in terms of student age and ability levels and computer availability.

### ***The Classroom Big Book***

**GRADE LEVELS:** K-3

Young students love reading and sharing Big Books. Many teachers integrate Big Books into their whole language program. In this activity, your students will write, illustrate and publish their own Big Books. Creating and sharing Big Books with you and with other students is a perfect way for students to develop an awareness of the relationships between speaking, reading and writing. It also lets them demonstrate their knowledge of the subject matter. Create a Classroom Collection of Poems or Short Stories. The final product provides a terrific way to showcase your students' work on Parent-Teacher Night.

**Getting Started.** Begin this activity by sharing a Big Book with the class. You might want to create one Big Book page with a poem or short story, print it in Big Book size, and share it with your students. Then divide the class into pairs and have each pair create one page of a Big Book.

**Creating and Printing the Graphics.** Depending on the age level of your students and their level of comfort using computers, you may want to make them responsible for designing and creating the graphics screens only. Of course, if your students are going to use the speech bubble feature, you'll want to help them enter the text. Select Big Book size from the Print Menu and then select a Print Style. The scene will print in two panels which you can tape together.

**Writing and Printing the Story.** Writing the story that goes along with the graphic is a valuable learning experience and a lot of fun. However, if you're working with very young students, or with students who are not familiar with the computer, you should type as they dictate the story. This is also a nice way to involve your students in a discussion about language — describing the picture, choosing the best words to tell the story and even discussing how to spell certain words. When you're ready to print, select Big Book size from the Print Menu. The story will print in two panels which you tape together.

**Putting the Big Book Together.** Once you have both parts — the story and the scene — you should tape the story under the scene. This is one page of your Big Book. You might consider mounting the pages on oaktag or poster board for more durability.

*NOTE: If you're working with older students, they might enjoy creating Big Books for younger students to read.*

## **Coloring Books**

### **GRADE LEVELS: 1-3**

All children love coloring books. Now your students can create their own dinosaur coloring books. Any scene your students create can be printed in the special Outline mode. The result is a printed picture that is perfect for coloring. Individual students can create their own coloring books or students can join together to create a classroom book. Here are a few easy steps for creating a Classroom Coloring Book.

**Creating the Scene.** Have each student create a scene using the wonderful graphics in Dinosaur Days. Depending on your students' age and ability levels, they can create a scene with graphics only or they can use speech bubbles and add text to each screen. They might enjoy creating a scene and using the labelling tools (in the Speech Bubbles file) to label the real or imaginary dinosaurs they create.

**Printing the Scene.** As the students finish their scenes, have them print the scenes in Outline Mode.

*NOTE: If you'd like, you can print directly onto Ditto Masters so you can reproduce the pages easily.*

**Creating the Book.** Make copies of all the pages. Bind the coloring books by punching holes in the paper and looping colorful yarn through it.

That's all there is to it.

## **Comic Strips**

GRADE LEVELS: 2–8

Students enjoy reading comics and now they'll enjoy creating their own comics based on topics they are studying in Science. Have students begin by sharing their favorite comic strips. Ask them to look for repetitive elements. For example, the characters generally stay the same although their positions may change from frame to frame. Point out that their conversations are written within speech balloons or bubbles.

Now students will create their own comic strips. Each scene will be one frame of the comic. Students should begin by thinking and perhaps taking notes about their main character(s), props, and the general story line. Perhaps they can create several frames from an important event in history. Ask them to imagine what the characters might have said. What will happen in the beginning? In the middle? In the end?

Once students have planned their comic strip, they're ready to begin designing. Have them create the first frame complete with character(s), props, speech bubbles, and dialogue. Remind them to save and print each frame. (Print in miniature for small comics, or use a larger size for really big comics.) Have students continue in this fashion, changing props and dialogue, until they've finished their comic strip (three or four frames).

Students can paste the frames on colored paper sequentially. Or, for an interesting sequencing activity, have students trade their comic frames with classmates, whose job will be to determine the correct sequence.

Let students share their comics with classmates. Perhaps you can create an area to display their work on one of your bulletin boards.

## **Story Exchange**

GRADE LEVELS: 4–8

Students will love using *Dinosaur Days* to write stories for their classmates and pen pals. They can take advantage of the wide variety of graphics offered in *Dinosaur Days* and use them to write about topics they are studying in Science. This exercise lets students summarize in their own words the material they are studying in class. It's a perfect way to get a sense of how well they understand the material they're studying. Exchanging stories also provides students with a sense of audience. They write, knowing that someone will read and respond to their text. This experience is enhanced by the fact that *Dinosaur Days*' word processing, graphics and sound features create a motivating environment for writing.

Arrange for students to have pen pals — either within the classroom, within the school, or at another school. If you are taking advantage of the speech feature, you might want to find another class with the same setup. That way, your students can ship their disks and have the added excitement of sending and receiving "talking mail." Students might want to create a scene with speech bubbles and dialogue only. Or, they may want to write letters and stories using the word processor.

## **Magazines**

GRADE LEVELS: 4–8

Publishing a classroom magazine will provide students with a variety of learning opportunities. Students will be writing about topics they are studying in Science and they will be cooperating in a team effort. They will also gain practice in writing for an

audience with the purpose of communicating effectively, persuading and entertaining their readers. Dinosaur Days is a perfect tool for creating this classroom magazine or journal. Here are some steps you might follow to set up such a magazine. The following ideas should help your students begin their publishing careers.

**Determine the Audience.** Before you begin, you should decide who the intended audience will be. Since students are most comfortable communicating with their peers, you might want them to write for another class of the same grade level.

**Name the Magazine.** Once you've determined the target audience for the magazine, have students vote on a name. Here are a few suggestions: Dinosaur Days, Dinosaur Times, Prehistory Mysteries.

**Organize the Staff.** Once you've decided on a name, set up the classroom news bureau. You'll want to organize the staff before students begin individual assignments. Here are a few of the possible positions your students may select.

- **Editor-in-Chief:** Supervises every phase in the production of the magazine. The editor has final say on the content of the news, magazine layout, and work assignments.
- **Managing Editor:** Assigns people to cover different stories and makes sure all assignments are completed on time.
- **Editorial Writers:** Write editorial opinion columns.
- **Reporters:** Write articles, cover news events, organize announcements.
- **Feature Writers:** Write feature articles to accompany the news.
- **Copy Editors:** Check all stories for accuracy, style and grammatical errors.
- **Advertising Group:** Develops all advertising material for magazine.
- **Art Staff:** Creates graphics for the entire magazine. Must work closely with writers.
- **Production Editors:** Assemble the "copy" and art for the entire magazine issue.

Once students have selected a role, present them with the theme for the magazine. Ask students to select the area that interests them most. Four areas are outlined below, but, depending upon your students age and interests, you might want to add other areas to this list.

**Fabulous Facts About Dinosaurs.** Students in the class should be encouraged to submit interesting or unique facts (or theories) that they've uncovered in their studies. You might even want to make a contest out of this. Have students do some research. The one that comes up with the most interesting or bizarre fact is the one who gets published. Students can even create a scene which depicts the fact or event. Since the job of the Art Staff is to create graphics which depict the story being told, teamwork is very important.

**News.** Students write "fact-based" article(s) describing different types of dinosaurs, the environmental conditions in which the dinosaurs lived, or archaeological digs in which dinosaur remains have been uncovered. This is a job for the staff reporters, whose responsibility it is to inform the audience by communicating facts and details about a particular event. Research is an essential part of this job. Sample stories might be:

- Why ARE Dinosaurs Extinct?
- When Dinosaurs Roamed the Earth
- Dinosaur Remains Discovered in XXX
- Reconstructing Prehistoric Times

**Producing the Magazine.** Don't forget about the important job of the production staff. These students will work on the organization and layout of the final product. For

variety, the production group may want to print graphics in different print sizes. That way, they have more variety when laying out the final product.

**Publishing the Magazine.** When you have a final product, photocopy the magazine and distribute it to the target audience. Ask for feedback from the audience, perhaps in the form of letters to the editor. You might also want to mount the original copy, color and laminate it for display. Finally, to ensure students have a chance to try writing for a variety of purposes, rotate positions for each publication.

*NOTE: Refer to Dinosaur Days Design Ideas in the For Kids Only Guide for more Dinosaur Days crafts and creations.*

## **USING THE DINOSAUR DAYS LEARNING DISK**

The Dinosaur Days Learning Disk is a self-booting disk that you and your students can use to explore prehistoric times. Load the disk into the computer and watch the screen for directions. The Learning Disk contains prehistoric scenes with dinosaurs and plant life. To see a description of an item, you simply move the screen pointer to the item and press Return. You can even hear the descriptions if you have an Echo Board or Cricket Speech Synthesizer. Here are some suggestions for using this disk.

- You can use the scenes and the descriptive information as an introduction to or part of your lesson.
- You can create a bulletin board display of actual dinosaurs complete with descriptive facts from the Learning Disk.
- You can print and reproduce graphics and text from this disk to use in student hand-outs.
- Children can use the Learning Disk to print accurate dinosaurs. Then they can replicate the dinosaurs, using the Dinosaur Days program itself.
- Children can create Dinosaur Days Fact Books using the information and pictures from the Learning Disk.
- Children can learn about different dinosaurs and "mix and match" parts to create crazy new creatures. Then they can use the Dinosaur Days word processor to name their creatures and write about how they might have lived.

## **SUPPORT**

If you have technical questions or problems, call Toucan Software at (800) 247-4641 (in Connecticut, Alaska and Canada call 203-674-8221). Defective disks will be replaced free of charge up to 180 days after invoice date. Disks damaged after 180 days may be replaced at \$10.00 for the first disk and \$5.00 for each additional disk in a program. Mail the damaged disk(s) and appropriate payment to Queue at 338 Commerce Drive, Fairfield, CT 06430, for a prompt replacement.

Backup disks are available at \$10.00 for the first disk and \$5.00 for each additional disk in a program. Customers are limited to one backup disk for each disk purchased. **Backup disks are for archival purposes only.**

Never expose any computer software to excessive heat or cold. Do not leave your software near a strong magnetic field such as might be produced by an electric appliance, stereo, or speaker magnet. Always place your software in its sleeve when you are not using it. This will protect it from dust and finger prints. Finally, never touch the exposed parts of the disk which are visible through the holes in the disk cover.

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