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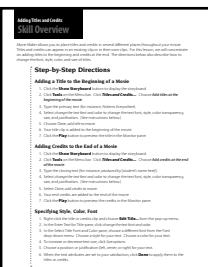
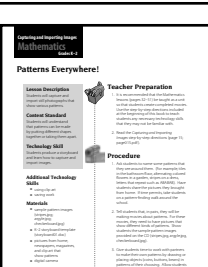
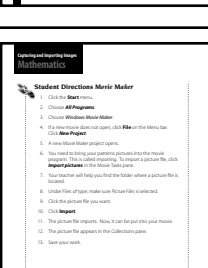
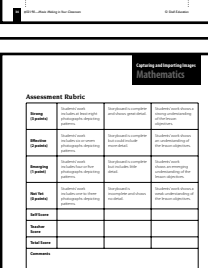
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How to Use This Book *(cont.)*

Components of the Program

	<h3>Introduction</h3> <ul style="list-style-type: none"> • Concise overview of effective use of technology in the classroom • Brief introduction to software and the 16 featured skills • Description of how to best utilize this product in the classroom • Correlation to standards
	<h3>Step-by-Step Directions Pages</h3> <ul style="list-style-type: none"> • Brief description of new skill(s) being introduced • Detailed step-by-step instructions of new skill(s) • Step-by-Step Directions pages for Macintosh and <i>Vista</i> users included on the Teacher Resource CD
	<h3>Procedure Sections</h3> <ul style="list-style-type: none"> • Brief description of content-based lesson including content-standard and technology skills • Materials list • Suggestions for teacher preparation • Detailed step-by-step sequential instructions for teaching the lesson • Extension ideas for differentiation
	<h3>Student Directions</h3> <ul style="list-style-type: none"> • List of steps for students to use while at the computers • Help students complete the activity with little or no guidance • Student Directions for Macintosh and <i>Vista</i> users included on the Teacher Resource CD
	<h3>Rubrics</h3> <ul style="list-style-type: none"> • Allow for standardized assessment of student work using specific criteria and a point grading scale • Include space for both teacher and student to assess completed work • Blank rubric included on the Teacher Resource CD

How to Use This Book *(cont.)*

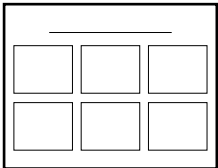
Components of the Program *(cont.)*

Student Samples



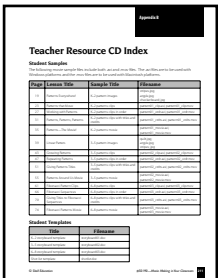
- Provides examples of what a project will look like when completed
- To be shown during the lesson to provide students further instruction and guidance

Storyboard and Shot List Templates



- Allows students to organize ideas and data before creating a movie

Appendices



- Works Cited and Other References
- Teacher Resource CD Index

Teacher Resource CD



- Student samples
- Storyboard and shot list templates
- Student Directions pages
- Student Directions for Macintosh and *Vista* users
- Step-by-Step Directions pages
- Step-by-Step Directions pages for Macintosh and *Vista* users
- Blank rubric
- Learn & Use Series Description

Movie Maker allows you to place titles and credits in several different places throughout your movie. Titles and credits can appear in an existing clip or in their own clips. For this lesson, we will concentrate on adding titles to the beginning and credits at the end. The directions below also describe how to change the font, style, color, and size of titles.

Step-by-Step Directions

Adding a Title to the Beginning of a Movie

1. Click the **Show Storyboard** button to display the storyboard.
2. Click **Tools** on the Menu bar. Click **Titles and Credits...** Choose *Add titles at the beginning of the movie*.
3. Type the primary text (for instance, *Patterns Everywhere*).
4. Select *change the text font and color* to change the text font, style, color transparency, size, and justification. (See instructions below.)
5. Choose *Done, add title to movie*.
6. Your title clip is added to the beginning of the movie.
7. Click the **Play** button to preview the title in the Monitor pane.

Adding Credits to the End of a Movie

1. Click the **Show Storyboard** button to display the storyboard.
2. Click **Tools** on the Menu bar. Click **Titles and Credits...** Choose *Add credits at the end of the movie*.
3. Type the closing text (for instance, *produced by [student's name here]*).
4. Select *change the text font and color* to change the text font, style, color transparency, size, and justification. (See instructions below.)
5. Select *Done, add credits to movie*.
6. Your end credits are added to the end of the movie.
7. Click the **Play** button to preview the credits in the Monitor pane.

Specifying Style, Color, Font

1. Right-click the title or credits clip and choose **Edit Title...** from the pop-up menu.
2. In the Enter Text for Title pane, click *change the text font and color*.
3. In the Select Title Font and Color pane, choose a different font from the Font drop-down menu. Choose a style for your text. Choose a color for your text.
4. To increase or decrease text size, click *Size options*.
5. Choose a position or justification (*left, center, or right*) for your text.
6. When the text attributes are set to your satisfaction, click **Done** to apply them to the titles or credits.

Giving Patterns Titles

Lesson Description

Students will learn how to add titles and credits to their movies. Students will also learn how to change the colors, fonts, styles, and sizes of their titles.

Content Standard

Students will recognize a wide variety of patterns and the rules that explain them.

Technology Skills

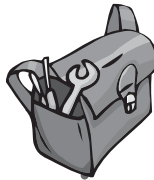
Students add titles to the beginnings of their movies and credits to the ends of their movies. Students change the colors, fonts, styles, and sizes of their titles.

Additional Technology Skills

- saving work
- using Storyboard View or Clip Viewer

Materials

- 3–5 patterns movie sample with titles and credits (pattern02_crds.avi; pattern02_crds.mov)



Teacher Preparation

1. Use the step-by-step directions included at the beginning of this book to teach students any necessary technology skills that they may not be familiar with.
2. Read the *Adding Titles and Credits* step-by-step directions (page 18; page018.pdf).

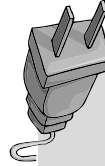


Procedure

1. Remind students of the previous lessons about patterns (*Linear Patterns*, *Growing Patterns*, and *Repeating Patterns*). Today is a continuation of those lessons.
2. Write a few of your favorite titles on the board. These titles can be of movies, books, or whatever you'd like. Tell students why you like these titles. Then, discuss some of the titles of their favorite movies or books to get them thinking about titles.
3. Write the word *pets* on the board. Brainstorm with the class what titles they think would work for a movie about pets. You could suggest *Hog Wild*. Once students come up with titles, explain that each of them will be creating a movie title. They will have to think creatively to come up with original titles for their movies.

Procedure *(cont.)*

4. Tell students that the text they add to the movie (wherever they choose to place it) can be a title. Titles can be added at the beginning, at the end, over an existing clip, and before or after a clip. For this lesson, they will learn how to add titles at the beginnings and ends of their movies. The titles at the ends of the movies are called *credits*. The credits tell about the people involved in making the movie.
5. Have the students work with partners to come up with creative, fun, and interesting titles for their movies.
6. Explain to the students that they will be adding titles and credits to their movies. Explain that they will also have opportunities to change the color, font, style, and size of their titles.
7. Show students the sample movie that is provided on the CD (pattern02_crds.avi; pattern02_crds.mov).
8. Give students time to open their projects, review their projects to date, and review their titles and credits.
9. Remind students to save their finished work.
10. Review the rubric (page 107) with students so they understand how their work will be assessed.



Extension Idea

Have students experiment with animating titles. Students can zoom into titles and then zoom out. Have the titles come in from the left side and leave off to the right side.



Student Directions *Movie Maker*

1. To add a title to the beginning of your movie, click the **Show Storyboard** button to display the storyboard.
2. Click **Tools** on the Menu bar. Select **Titles and Credits...** Choose *Add titles at the beginning of the movie.*
3. Type the text you want to include on the slide (for example, *Linear Patterns*).
4. Click *Done, add title to movie.* Your title clip is added to the beginning of the movie.
5. Click the **Play** button to preview the title in the Monitor pane.
6. To add credits, click **Tools** on the Menu bar. Select **Titles and Credits...** Choose *Add credits at the end of the movie.*
7. Type the closing text (for example, *Produced by: [your name]*).
8. Click *Done, add title to movie.* Your ending credits are added to the end of the movie.
9. Click the **Play** button to preview the title in the Monitor pane.
10. To change the style, color, or font, right-click the title or credits clip and choose **Edit Title...** from the pop-up menu.
11. In the Enter Text for Title pane, click *Change the text font and color.*
12. In the Select Title Font and Color pane, choose a different font from the Font drop-down menu.
13. Choose a style and color for your text.
14. To increase or decrease text size, click *Size options.*
15. Choose a position or justification for your text. You can align the text on the left, in the center, or on the right.
16. When the text attributes are set to your satisfaction, click **Done** to apply them to the titles or credits.
17. Save your work.

Assessment Rubric

Strong (3 points)	Movie includes an opening title and closing credits that accurately describe the movie.	Creative use of fonts, styles, colors, and sizes creates a visually appealing opening title and closing credits.	Student's work shows a strong understanding of the lesson objectives.
Effective (2 points)	Movie includes an opening title and closing credits.	Student was able to use font, style, color, and size applications in either the title or credits, but not both.	Student's work shows an understanding of the lesson objectives.
Emerging (1 point)	Movie includes either an opening title or closing credits, but not both.	Student used one of the font, style, color, or size applications.	Student's work shows an emerging understanding of the lesson objectives.
Not Yet (0 points)	Movie does not include titles or credits.	Student did not use font, style, color, or size applications.	Student's work shows a weak understanding of the lesson objectives.
Self Score			
Teacher Score			
Total Score			
Comments			