



Technology Integration Lesson

Plainville Community Schools

LESSON TITLE: Light and Shadow

GRADE: One

OBJECTIVE: Students will use KidPix to illustrate shadows created by the location of the sun.

CURRICULUM CONNECTION:

1.1 - The sun appears to move across the sky in the same way every day, but its path changes gradually over the seasons.

MATERIALS: KidPix template, computer, printer, SmartBoard to demonstrate

Pre-Lesson Suggestions:

Prior to the lesson students should have time to practice using the stickers, to include changing sticker libraries, placing stickers on the page, resizing them, and moving them.

PROCEDURE: (Read to students)

Today we're going to use KidPix to show the direction of a shadow.

1. Find the first grade Shares folder on your Dock. Click on it one time.
2. Find the folder that says Technology Templates, double click on it.
3. Find the document that says 1-Shadows, double click on it.
4. Click on the text tool. Now click on the picture at the top, and type your name. (Remind students to use the SHIFT key to make a capital letter, and to leave one space between first and last names.)
5. Click on the sticker tool. Add at least _____ stickers (suggestion: three) to the picture. It should be people or animals, or other things that would make sense to be in the picture.
6. Resize and move the pictures so there's space between them.
7. Now move the sun from the barn to a spot in the sky, but don't cover up your name.
8. Click on the drawing tool. Use the color splot to change the color to dark gray.
9. Carefully and slowly color in the where the shadows should be for the stickers, based on the position of the sun. Think about how long the shadows should be.
(Note: If students make a mistake and needs to erase, it will also erase the background, leaving a white background. You might want to use the crayon tool with a matching shade of green to color it back in for them.)
10. Now click on file.
11. Find print and click on it.
12. Click OK.

EVALUATION: Teacher created rubric, or teacher observation.



Technology Integration Lesson Plainville Community Schools

EXTENSION: After printing out the document, students add sentences to tell about their picture.
Note: It is NOT suggested that first graders try to keyboard their sentences. They will have more success using their pencils.

EXAMPLE:

