

## Tripping Through Our Galaxy

### Lesson Five:

**Title:** Drawing Planets

**Grade:** 3<sup>rd</sup>

**Subject:** Science: Planets

**Topic of Lesson:** Tap into student creativity

### Standards

**Content Area:** Science

**Standard #:** 4: Earth and Space Science: Students know and understand the processes and interaction of Earth's systems and the structure and dynamics of Earth and other objects in space.

**Benchmark/Grade Level Expectancy:** Recognizes objects in space and interaction with Earth's systems

- Label objects in the sky that can be viewed unaided
- Identify sun, moon, and stars
- Associate sun with daylight and stars with twilight/evening
- Identify the sun as a source of heat and light
- Describe the effects of sun's light and heat on living things
- Recognizes that earth's rotation causes the sun to appear differently throughout the day
- Recognize that objects in the sky have patterns of movement
- Identify the moon's appearance using quantitative labels
- Distinguish between fiction and fact regarding space exploration
- Recognize how aerospace design impacts space travel
- Identify ways in which basic needs can be met in space

**Content Area:** Art

**Standard #:** 1 Students recognize and use the visual arts as a form of Communication.

**Benchmark/Grade Level Expectancy:**

11. Identifying visual images, themes, and ideas for works of art
12. Selecting and using visual images, themes, and ideas to communicate meaning
13. Comparing the use of visual images and ideas

### Overview

**Objective:** The students will be able to draw their understanding of the planets and the solar system.

**Assessment Plan:** The assessment will be very informal. Assess what the students have drawn to see what they have learned through the ten lessons on the planets.

**Learning Context:** The students have had many lessons on the planets and our solar system. Each student has completed a detailed report on a planet.

**Time Allotment:** 40 minute lessons for three days

**Instructional Materials:**

Teacher and Student Materials:

- Long white paper to draw on
- KWL chart
- Marker to write KWL chart with
- Colored pencils
- Pencils
- KidPix computer program

**Sequence of Procedures**

**Opening**

Gaining Attention: Place the paper on the student's desks and ask them to draw what they learned in the lesson. Write items on the board that I want to make sure the students have in their drawings.

- Inner and outer planets
- Planets and their names
- Other objects in space

Assessing Prior Knowledge: This lesson is all about assessing the student's prior knowledge as well as the knowledge they have learned over the unit.

State Purpose (Objective) of Lesson: To see what the students have learned over the space unit.

**Body**

Teacher Input(s): Tell the students what to make sure they include in their picture. Once the students are done with their pictures we will go to the KWL chart and make sure we have answered all the questions the students came up with in the first lesson. Discuss how to use KidPix on the computer. Most students have used the program in the past so they have prior knowledge. Also, talk about the requirement for what is needed on their KidPix drawing.

Guided Practice(s): Assist students as needed at their desks and when they are on the computer.

Checks for Understanding: Look at their pictures to see if they understand what is out in space. Listen to their answers to the questions to make sure they understand other things about space, not just the planets.

**Assessment (Independent Practice)**

This is an informal assessment. Teacher will look at students pictures and compare it to the first drawing. The teacher can see what students have learned by comparing the drawings. This can be done because the teacher is asking for the same information on both pictures and those are the focused items from the unit.

**Closure**

Ask if there are any other questions before moving to the next unit.

**Reateaching Activities:**

Review concepts when needed.

**Extension Activities:**

Creating and discussing other planets that the students did not specialize in at that time.

**References:**

KidPix Computer Program