

# Solar System Jeopardy

**Subject:**

Science

**Grade Level:**

4-5

**Duration:**

½ hour

**Objectives:**

In this activity, students will

- Use an interactive PowerPoint Jeopardy-like game to activate student's prior knowledge of the Solar System.
- Compare and contrast the planets in the Solar system and other objects in outer-space.

**Science Standard v.4:**

**The Solar System, Galaxy and Universe:**

All students will compare and contrast our planet and sun to other planets and star systems.

**ISTE National Educational Technology Standards for Students #3:**

**Technology Productivity Tool**

**\***

Students use technology tools to enhance learning, increase productivity and promote creativity.

**Materials:**

\*Computer

\*Jeopardy Solar System PowerPoint software

\*Solar System Jeopardy Score Sheet

\*pencil

\*calculator

\*a minute timer

## Before the Computer:

1. Explain to the students that they will have the opportunity to take an interactive quiz in a Jeopardy game-show format to test their knowledge of the solar system.
2. Explain to the students that they will have one minute to answer each question, and *at the start of each question they must reset the timer.*
3. Tell the student they must record the points on their Jeopardy Solar System Score *sheet* immediately after they have answer each question. Remind the students to be as accurate as possible when recording their personal scores.
4. Tell the students that once they're seated at the computer they will see the Solar System Jeopardy title page. At the bottom of the screen press the *Ready For Take Off* button to view page one of the rules. After they have finished reading page one tell them they must press the *Directions Continued* button to view the last page of the rules.
5. Tell the students that they may have noticed the *Arrival* and *Departure button*. Explain to the students that the arrival button will take them to the home page and the Departure button will end the Solar System Jeopardy learning game.
6. Explain to the students that they must press the arrival button to begin. Once the students have arrived at the main menu page they will see 16 buttons with point values assigned to them.
7. The students must select click on a button and a question will appear that corresponds with that point value.
8. Remind the students when they have answered the question they must press the *Arrival* button to return to the main page and select another question.
9. Tell the students that they will repeat this pattern until they have answered all of the questions on the main page.
10. When the students have answered the last question they should use the calculator to total up their score and place the score sheet in the designated area to be reviewed by the teacher.
11. Request that the students raise their hand if there are in need of assistance at anytime.

## Ready for the Computer:

12. The computer will be loaded with the Jeopardy Solar System Software.
13. Ask the students are there any questions. If they are no questions, yell "*Let the Games Begin!*"

## Variation:

- Students can pair up and take the quiz simultaneously. The students could write their answers on separate score sheets, total up their score at the end of the game and the person with the most points at the end of the game is declared “the winner”.
- Partners can assist with reading or answering any questions.
- Partners can act as a checks and balance system to make sure the scores are not being “fudged”!

Name

Date

## Jeopardy Score Sheet

**Directions:** If you answer a question correctly write the number of points in the add box. However, if you answer a question incorrectly put the number in the subtract box. At the end of the game use a calculator to total up your points!

Write down the number of answer you selected.	Correct Answers		Incorrect Answers	
	Add points		Subtract points	
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
	<b>Total points received</b>			

\* Remember to place this sheet in the blue Solar System box next to the computer.