Names\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Dates\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per \_\_\_\_\_\_

**TEL Studio- Solar System activity**

**Instructions and Schedule**: Students will use TEL Studio/CoT technology to teach their peers about the Solar System. Students will select two topics from the Windows to the Universe/NASA SS websites, gather information and graphics, and create a Power Point presentation to share with classmates. Websites: <http://solarsystem.nasa.gov/planets/index.cfm> <http://www.windows2universe.org/our_solar_system/solar_system.html>

**Day 1:**

* Introduction to the TEL Studio/CoT classroom
* Student groups will select 2 Solar System topics. We have selected \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Students brainstorm all the information they know about the topics on their tables. Highlights include:

**Day 2**

* Students access the NASA and Windows to the Universe websites to collect data and graphics.
* Students begin to create a Power Point presentation. Presentations must be saved on a pin drive.

**Day 3**

* Students finish Power Point Presentations
* Students begin presentations to peers

**Day 4** Presentations conclude

**Required Information**

 **Planets:**

1. Name of planet; composition of planet; size of planet, number of moons, atmospheric conditions
2. Distance of planet from the Sun; rate of revolution
3. 6-8 important facts (include space missions)
4. 2 or more graphics with captions

**Sun:**

1. Composition of the Sun, structure of the Sun including layers
2. 6-8 important facts (including space missions)
3. 2 or more graphics with captions

**Other: Asteroids, Meteoroids/Meteors/Meteorites, Dwarf Planets, Comets**

1. Composition
2. Location
3. 6-8 important facts (including space missions)
4. 2 or more graphics with captions

**RUBRIC**

Brainstorming is productive and orderly. Students on task 20 points \_\_\_\_\_\_\_\_\_\_\_\_

Power point contains all required information 20 points \_\_\_\_\_\_\_\_\_\_\_\_

Power point contains relevant graphics 20 points \_\_\_\_\_\_\_\_\_\_\_\_

Presentation to class is well organized and informative 20 points \_\_\_\_\_\_\_\_\_\_\_\_

Chart is filled out completely 20 points \_\_\_\_\_\_\_\_\_\_\_\_

 TOTAL: