

CATALOG OF THE SOLAR SYSTEM

(from *Journey Through the Universe*, a NASA MESSENGER lesson plan)

Materials

- Scissors
- Pencils
- Paper
- Crayons or markers
- Research materials
- Construction paper
- Glue

Safety Concerns: Scissors. Discuss safe and proper use of scissors.

Procedure

1. Your catalog will be made out of $8\frac{1}{2} \times 11$ paper. Fold each page in half (hamburger).
2. You will need to create a cover page. It must contain your name and a ***creative*** title for your catalog.
3. You will need to research the different parts of the Solar System, including:

The Sun
Mercury
Venus
Earth
Mars
Dwarf Planet Ceres
Asteroids
Jupiter
Saturn
Uranus
Neptune
Plutoids (Pluto & Eris)
Comets
Kuiper Belt Objects
Meteoroids

Moons of the planet

4. One page in your catalog should be dedicated to each part. Each page should contain the following:

- Name
- Description
- Diameter
- Composition
- General location in the Solar System
- Distance from Sun
- Ranking (if planet) (largest - 1, smallest - 8, etc.)
- Information about the planet's or plutoid's moon(s)
- A picture (your picture *must* be hand drawn and appropriately colored)
- Can a person live on the part (how much would they weigh, can they breathe the atmosphere, is it too hot or cold, etc.)
- Spacecraft that have visited the planet, dwarf planet, comets, etc.

5. Using your information, create a catalog that is full of accurate information, as well as neat and creative.

