

Materials Details Page:

ENGAGE :**For the class:**

Postcards from the Planets, By David Drew

EXPLORE :**For the class:**

- Optional:** Unit D Activity Video
(See page D56, When Minutes Count.)

For each student:

- Harcourt Science textbook
- Harcourt Science workbook page, 143, Ordering Planet Data
- Optional:** Harcourt Science workbook page 144, Use Numbers

EXPLAIN 1:**For each student:**

- Harcourt Science textbook
- Harcourt Science workbook page 145, What is the Solar System?
- Optional:** Harcourt Science TAAS Practice workbook: What is the Solar System, Pt. 2
- Optional:** 50 cm strip of paper (adding machine paper or sentence strip)
- Optional:** Harcourt Science Newsroom Video D: Mars Pathfinder Discovery

EXPLAIN 2:**For the class:**

- Globe
- Small piece of clay or tape
- Flashlight

ELABORATE 1:**For the class:**

- Locate various books containing information and pictures of the inner planets.

For each student/group:

- Harcourt Science textbook
- 18 x 36 inch piece of butcher or drawing paper
- Various types of media to create mural

ELABORATE 2:**For the class:**

- Various books containing information and pictures of the outer planets.
- Where, Oh, Where Does That Little Planet Go?
http://starchild.gsfc.nasa.gov/docs/StarChild/solar_system_level1/activity/planet_go.html

For each student:

- Harcourt Science textbook
- 18 x 36 white sheet of butcher paper (paper from previous lesson)
- Various types of media to create mural

ELABORATE 3:**For each student:**

- CAN YOU PLANET? Planetary Facts Data sheet
- CAN YOU PLANET? worksheet
- CAN YOU PLANET, Again? Worksheet
- Optional:** CAN YOU PLANET, A Third Time? worksheet
- Optional:** CAN YOU PLANET, One More Time? worksheet

ELABORATE 4:**For each student:**

- Harcourt Science textbook
- How Long is a Day? worksheet
- What's Your Age? worksheet
- Calculator

EVALUATE 1:**For the class:**

- I have...Who has... vocabulary cards
- Solar System Vocabulary Quiz
- Optional:** National Geographic Society video – Exploring Our Solar System (located in your school library)

EVALUATE 2:

- Space Assessment

EVALUATE 3: OPTIONAL

- What's Your Planet? Scoring Rubric
- Examples of brochures
- Harcourt Science textbook
- Various books containing information and pictures of the inner and outer planets.
- Various types of supplies to create brochure