Can you solve the puzzle with these clues?

ACROSS

4 A group of planets, asteroids, comets that revolve around the Sun
7 The first asteroid discovered in 1801
8 The study of stars and other objects in outer space
9 A rocky solar system object that is smaller than a planet and orbits the Sun between Jupiter and Mars
10 A small solar system object that may form a tail when it orbits close to the Sun

DOWN

1 Smaller than an asteroid, this rocky object can look like a shooting star
2 The NASA mission traveling to the asteroid belt
3 NASA's program to explore the Solar System using robots
5 Pieces of space rock that have landed on Earth—most come from asteroids
6 The first asteroid the Dawn spacecraft will visit

Dawn is the ninth Discovery mission scheduled for funding from NASA’s Science Mission Directorate and is a collaborative partnership made up of the University of California, Los Angeles; Jet Propulsion Laboratory; Orbital Sciences Corporation; Los Alamos National Laboratory; German Space Center; Max Planck Institute for Solar System Research; and Italian Space Agency. Dawn education materials are developed under contract by Mid-continent Research for Education and Learning (McREL), Aurora, CO.

Visit Dawn Kids at: