

Topic: Earth in Space and Time	
Included Standards SC.5.E.5.1 SC.5.E.5.2 SC.5.E.5.3	
Grade: 5	
Score 4.0	In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught. Research the objects in the galaxy and be able to distinguish between objects of the Solar System based on their characteristics
Score 3.0	The student will understand the objects in the galaxy and be able to distinguish between objects of the Solar System based on their characteristics. Performs complex skills: <ul style="list-style-type: none"> ○ Compare and contrast the properties of the inner and outer planets. (surface composition, presence of an atmosphere, size, relative position to the Sun, presence of moons or rings, relative temperature and relative length of year). ○ Distinguish among the following objects of the solar system- Sun, planets, moons, asteroids, comets. The student exhibits no major errors or omissions regarding the score 3.0 content.
Score 2.0	The student: Recognizes or recalls specific terminology: galaxy, gas, dust, stars, orbit, Milky Way, Sun, Solar System, planets, moons, asteroids, comets, Earth, inner and outer planets, characteristics, surface, composition, atmosphere, size, relative position to the Sun, rings, relative temperature, relative length of year Performs basic skills: <ul style="list-style-type: none"> ○ Recognize that a galaxy consists of gas, dust and many stars, including any objects orbiting the stars. ○ Identify our home galaxy as the Milky Way. ○ Recognize the major common characteristics of all planets. ○ Identify the following objects of the solar system-- Sun, planets, moons, asteroids, comets. ○ Identify Earth's position in the Solar System. No major errors or omissions regarding the score 2.0 content.
Score 1.0	With help, I know some of 2.0 and 3.0.
Score 0.0	Even with help, I am unable to understand.

Topic: Forces and Changes in Motion	
Included Standards: SC.5.P.13.1 SC.5.P.13.2 SC.5.P.13.3 SC.5.P.13.4	
Grade: 5	
Score 4.0	In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught. Conduct experiments involving various forces that cause objects to move and be able to demonstrate the movements caused by those forces.
Score 3.0	The student will understand various forces that cause objects to move and be able to demonstrate the movements caused by those forces. Performs complex skills: <ul style="list-style-type: none"> ○ Investigate and describe that the greater the force applied to it, the greater the change in motion of a given object. ○ Demonstrate the relationship between mass, force and motion. ○ Investigate and describe that the more mass an object has, the less effect a given force will have on the object's motion. ○ Investigate and explain that when a force is applied to an object, but it does not move, it is because another opposing force is being applied by something in the environment so that the forces are balanced. The student exhibits no major errors or omissions regarding the score 3.0 content.
Score 2.0	The student: Recognizes or recalls specific terminology: Motion, forces, pushes, pulls, gravity, friction, magnetic force, mass, opposing force, balanced forces, newtons (N) Performs basic skills: <ul style="list-style-type: none"> ○ Identify familiar forces that cause objects to move (pushes, pulls, friction, gravity, magnetic force). ○ Describe the relationship between mass, force and motion. ○ Identify opposing forces and balanced forces. No major errors or omissions regarding the score 2.0 content.
Score 1.0	With help, I know some of 2.0 and 3.0.
Score 0.0	Even with help, I am unable to understand.