

Grade 5 Science Test Blueprint

| Reporting Category | Topic | Points | Total Points on Form | Approximate Percent of Test | |
|--------------------|---|--------|----------------------|-----------------------------|--------|
| Earth Science | 5.ESS.1: The solar system includes the sun and all celestial bodies that orbit the sun. Each planet in the solar system has unique characteristics. | 15-17 | 54-56 | 25-32% | |
| | 5.ESS.2: The sun is one of many stars that exist in the universe | | | | |
| | 5.ESS.3: Most of the cycles and patterns of motion between Earth and the sun are predictable. | | | | |
| Life Science | 5.LS.1: Organisms perform a variety of roles in an ecosystem. | 19-21 | | 54-56 | 32-40% |
| | 5.LS.2: All of the processes that take place within organisms require energy. | | | | |
| Physical Science | 5.PS.1: The amount of change in movement of an object is based on the mass of the object and the amount to force exerted. | 19-21 | | | 54-56 |
| | 5.PS.2: Light and sound are forms of energy that behave in predictable ways. | | | | |

| Cognitive Demands | Approximate Portion of Test |
|--|-----------------------------|
| Designing Technological/ Engineering Solutions Using Science Concepts (T) | 0-15 % |
| Demonstrating Science Knowledge (D) | 10-25% |
| Interpreting and Communicating Science Concepts (C) | 30-50% |
| Recalling Accurate Science (R) | 25-40% |