

Oklahoma School Testing Program
Oklahoma Modified Alternate Assessment Program
Performance-Level Descriptors
Grade 5 Science

Advanced: Students performing at the Advanced level on the Oklahoma Modified Alternate Assessment consistently and thoroughly demonstrate the ability to recognize and use scientific processes (e.g., observing and measuring, classifying, experimenting, interpreting, communicating, and practicing safety) as related to the physical, life, and earth/space sciences. The students regularly demonstrate a working knowledge and understanding of the science processes and consistently apply many different strategies for identifying, organizing, and comparing scientific data.

Satisfactory: Students performing at the Satisfactory level on the Oklahoma Modified Alternate Assessment demonstrate a general understanding of science processes as related to the knowledge and reasoning required for understanding the physical, life, and earth/space sciences. Students performing at this level also demonstrate the ability to apply their understanding to practical situations at a level appropriate for this grade. In addition to demonstrating a general understanding and application of the science skills at previous levels, students performing at the Satisfactory level will:

- make descriptive and numerical observations of the living and nonliving world using Système International units of measurement;
- identify observable properties to classify objects, organisms, and events;
- arrange the steps of a scientific problem in an appropriate order;
- recognize line graphs, bar graphs, and simple circle graphs, and use data to make predictions;
- communicate the results of a scientific investigation;
- practice safety and recognize potential hazards in all science investigations.

Limited Knowledge: Students performing at the Limited Knowledge level on the Oklahoma Modified Alternate Assessment demonstrate a partial understanding of science processes as related to the knowledge and reasoning required for understanding the physical, life, and

earth/space sciences at a level appropriate for this grade. These students are partially able to recognize and explain experimental procedures.

Unsatisfactory: Students performing at the Unsatisfactory level on the Oklahoma Modified Alternate Assessment do not demonstrate even a Limited Knowledge level of the science processes as related to the knowledge and reasoning required for understanding the physical, life, and earth/space sciences at a level appropriate for this grade. Students scoring at the Unsatisfactory level should be given additional comprehensive science instruction.