

Start Strong Science Reporting Performance Level Descriptor

ES Some Support Needed Performance Descriptor

Students at this level demonstrated partial understanding of the Elementary School scientific concepts and practices in the three tested content domains: Earth & Space, Life, and Physical Science.

Students at this level are typically able to:

- Ask relevant and testable questions.
- Plan an investigation that includes the identification of necessary tools, the collection of data from observations and/or measurements, and the identification of outcomes resulting from changed variables in relation to cause and effect.
- Organize data and describe how it should be interpreted.
- Identify similarities or differences in data sets.
- Use and/or describe models and their components to address a scientific idea.
- Compare and communicate information from multiple sources.
- Identify arguments that are supported by evidence.
- Identify evidence or facts used in a claim.

Students at this level will likely need some support to learn more advanced concepts and be able to:

- Predict reasonable outcomes from relevant and testable questions.
- Plan an investigation by evaluating appropriate methods or tools for collecting data while controlling variables.
- Analyze, represent, and interpret data in order to reveal patterns that suggest relationships.
- Develop and/or revise models to describe scientific ideas.
- Construct an explanation using evidence.
- Compare and combine information across texts in order to communicate scientific explanations.
- Construct, support, or evaluate a claim using relevant evidence.