

## Start Strong Science Reporting Performance Level Descriptor

### ES Strong Support Needed Performance Descriptor

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

To a limited degree, students at this level are typically able to:

- Identify questions that are based on observations and recognize that some questions are testable.
- Make observations and/or measurements during a simple investigation and read graphs to a limited degree of accuracy.
- Identify components of a basic model and generate solutions to simple problems.
- Identify that measurements, observations, and patterns serve as evidence.
- Identify supportable arguments and make claims.
- Identify or use relevant information from multiple sources.

Students at this level will likely need strong support to learn more advanced concepts and be 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.