

2nd Grade Benchmarks Science

Level 5 – Student performance exceeds year-end standard

Level 4 – Student performance meets year-end standard

Level 3 – Student performance approaches year-end standard

Level 2 – Student demonstrates limited performance to year-end standard

Level 1 – Student does not yet evidence understanding or application of skills related to year-end standard

NOTE: MPI and MPII performance levels are determined based on performance expectations at the time of reporting

Student Performance Standard – Student	Level 1 Below	Level 2 Limited	Level 3 Approaches	Level 4 Meets	Level 5 Exceeds
Plans and gathers information to solve a problem.	Plans and conducts an investigation with adult guidance; collects data with adult guidance; makes observations or measurements with adult guidance.	Participates in planning and conducting some investigations; collects data with prompting; makes observations or measurements that may not be related to the object, tool or solution under investigation.	Plans and conducts most investigations in a collaborative manner to produce data; collects data to serve as the basis for evidence to answer some questions or to solve some problems; collects some data that can be used to make comparisons; makes some observations and/or measurements of a proposed object or tool or solution.	Plans and conducts an investigation collaboratively to produce data; collects data to serve as the basis for evidence to answer a question or solve a problem; collects data that can be used to make comparisons; makes observations and/or measurements of a proposed object or tool or solution to determine if it solves a problem or meets a goal.	In addition to Level 4 performance, suggests alternate investigations to support or clarify outcomes; uses previous learning to make revisions to plans or data collection.

Conducts observations and evaluates solutions.	Makes observations and analyzes data with adult guidance.	Makes observations in order to answer specific questions; analyzes selected data.	Uses observations to describe some patterns and/or relationships; analyzes some data to determine if an object or tool works as intended.	Uses observations to describe patterns and/or relationships in the natural and designed worlds in order to answer scientific questions and solve problems; analyzes data from tests of an object or tool to determine if it works as intended.	In addition to Level 4 performance, uses previous learning to identify patterns and relationships; suggests multiple ways of analyzing data.
Constructs a model to represent a solution.	Compares and develops models with adult guidance.	Compares selected models; develops a model that may not align with a proposed solution.	Compares models to identify some features or differences; develops a simple model to represent a proposed object or tool.	Compares models to identify common features or differences; develops a simple model based on evidence to represent a proposed object or tool.	In addition to Level 4 performance, develops multiple, evidence-based models to support different potential solutions.