

Kindergarten 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
Asks questions to obtain information	Asks questions to obtain information with adult guidance and support.	Asks questions based on observations with prompting; questions and answers may not be related to topic of study.	Asks some questions based on observations; asks and/or identifies some questions that can be answered by an investigation; defines aspects of a simple problem; obtains some information to answer question/s.	Asks questions based on observations to find more information about the natural and/or designed world(s); asks and/or identifies questions that can be answered by an investigation; defines a simple problem that can be solved through the development of a new or improved object or tool; obtains information to answer question/s.	In addition to Level 4 performance, identifies questions based on observations, learning experiences, and background knowledge and then seeks answers to these questions independently.
Communicates information	Communicates information or designs ideas or solutions with adult guidance and support.	Communicates information or designs ideas or solutions in oral or written forms with prompting; information/designs may lack sufficient details.	Communicates some information or designs some ideas and/or solutions with others in oral and/or written forms; uses models, drawings, writing, or numbers that provide some details about scientific ideas, practices, and/or design ideas.	Communicates information or designs ideas and/or solutions with others in oral and/or written forms; uses models, drawings, writing, or numbers that provide detail about scientific ideas, practices, and/or design ideas.	In addition to Level 4 performance, considers how information or design ideas may be best displayed; makes multiple models or representations and selectively chooses best version.

Organizes and interprets data	Records information and makes observations with adult guidance or support.	Records information with prompting; makes observations but is not yet able to describe observations in an organized fashion; answers or solutions may not be related to question or problem.	Records some information; uses observations to describe some patterns and/or relationships in order to answer some questions or solve some problems; analyzes some data to determine if object or tool works as intended.	Records information (observations, thoughts, and ideas); uses and shares pictures, drawings, and/or writings of observations; uses observations to describe patterns and/or relationships in the natural and designed worlds in order to answer scientific questions and solve problems; compares predictions (based on prior experiences) to what occurred (observable events); analyzes data from tests of an object or tool to determine if it works as intended.	In addition to Level 4 performance, offers explanations or examples in order to assist peers; looks for opportunities to make connections or identify relationships outside of science instructional time.
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