



Kindergarten Science

Purpose

The rubrics help teachers and students authentically monitor growth and progress toward end-of-the-year learning standards. They support district consistency across teachers and grading practices. The rubrics provide a broad lens to the intricate and multifaceted learning that takes place throughout the school year. Additional ongoing assessments are utilized to provide detailed data regarding student progress.

Philosophy Statement

Waukee students will construct knowledge about the natural world through exploration, questions, and critical thinking. Learners will utilize process skills and innovative thinking to collaboratively participate in ongoing scientific inquiry for the future.

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Statement	Exceeds	Secure	Developing	Beginning
Observes patterns through organization, classification and relationships. (Patterns)	Uses patterns within nature and human made designs to describe phenomena.*	Observes, describes and predicts patterns within nature and human made designs.	Observes and describes patterns within nature or human made designs.	Identifies patterns within nature or human made designs.
Investigates and explains causal relationships through mechanisms across contexts. (Cause and Effect)	Investigates and explains cause and effect relationships across contexts.*	Explains cause and effect relationships.	Identifies cause and effect relationships.	Identifies cause and effect relationships with teacher support.
Analyzes the structure and function of living and nonliving things. (Structure and Function)	Applies understanding of structures and function as it relates to plants and animals.*	Describes the relationship between structures and their functions.	Identifies structures and their functions.	Identifies structures or functions.

The asterisk () denotes one possible way a student could demonstrate enrichment or extension that would be designated as Exceeds Standard.*