

Second Grade Science Companion Document

Skills	Beginning (1)	Progressing (2)	Proficient (3)	Exceptional (4)
STRAND- Physical Science				
Identifies the three states of matter and explains how they can change.	Even with prompting and support, student is unable to identify the three states of matter and explains how they can change.	With support and prompting, student is able to identify the three states of matter and explains how they can change.	Student is able to identify the three states of matter and explains how they can change independently.	In addition to being proficient, student also independently uses complex thinking that extends an in-depth understanding, analysis and application of identifying the three states of matter and explaining how they can change.
STRAND- Life Science				
Understands and explains what plants and animals need to survive in their habitats.	Even with prompting and support, student is unable to understand and explain what plants and animals need to survive in their habitats.	With support and prompting, student is able to understand and explain what plants and animals need to survive in their habitats.	Student is able to understand and explain what plants and animals need to survive in their habitats independently.	In addition to being proficient, student also independently uses complex thinking that extends an in-depth understanding, analysis and application of explaining what plants and animals need to survive in their habitats
STRAND- Earth and Space Science				
Understands how water and wind impact different landforms.	Even with prompting and support, student is unable to understand how water and wind impact different landforms.	With support and prompting, student is able to understand how water and wind impact different landforms.	Student is able to understand how water and wind impact different landforms independently.	In addition to being proficient, student also independently uses complex thinking that extends an in-depth understanding, analysis and application of how water and wind impact different landforms.
STRAND- Inquiry				
Engage in investigations and inquiries, build models, and develop theories	Even with prompting and support, student is unable to engage in investigations and inquiries, build models, and develop theories.	With support and prompting, student is able to engage in investigations and inquiries, build models, and develop theories.	Student is able to engage in investigations and inquiries, build models, and develop theories independently.	In addition to being proficient, student also independently uses complex thinking that extends an in-depth understanding, analysis and application of the skill.