



QUINCY PUBLIC SCHOOLS

Grade Four

Science Grading Rubric

Demonstrates an understanding of concepts in earth science (rocks, minerals, weathering/erosion, energy/fuel).

1	2	3	4
Student is unable or rarely able to demonstrate an understanding of concepts in earth science (rocks, minerals, weathering/erosion, energy/fuel).	Student is sometimes able to demonstrate knowledge of an understanding of concepts in earth science (rocks, minerals, weathering/erosion, energy/fuel).	Student is consistently able to demonstrate knowledge of an understanding of concepts in earth science (rocks, minerals, weathering/erosion, energy/fuel).	Student exceeds the standard and is independently able to demonstrate knowledge of an understanding of concepts in earth science (rocks, minerals, weathering/erosion, energy/fuel).

Demonstrates an understanding of the structures of plants and animals and their ability to adapt.

1	2	3	4
Student is unable or rarely able to demonstrate knowledge of an understanding of the structures of plants and animals and their ability to adapt.	Student is sometimes able to demonstrate knowledge of an understanding of the structures of plants and animals and their ability to adapt.	Student is consistently able to demonstrate knowledge of an understanding of the structures of plants and animals and their ability to adapt.	Student exceeds the standard and is independently able to demonstrate knowledge of an understanding of the structures of plants and animals and their ability to adapt.

Demonstrates an understanding of concepts in physical science (sound, light, energy, and its transfer).

1	2	3	4
Student is unable or rarely able demonstrate knowledge of concepts in physical science (sound, light, energy, and its transfer).	Student is sometimes able to demonstrate knowledge concepts in physical science (sound, light, energy, and its transfer).	Student is consistently able to demonstrate knowledge of concepts in physical science (sound, light, energy, and its transfer).	Student exceeds the standard and is independently able to demonstrate knowledge of concepts in physical science (sound, light, energy, and its transfer).

Demonstrates an understanding of the engineering design process.

1	2	3	4
Student is unable or rarely able to demonstrate knowledge of the engineering design process.	Student is sometimes able to demonstrate knowledge of the engineering design process.	Student is consistently able to demonstrate knowledge of the engineering design process.	Student exceeds the standard and is independently able to demonstrate knowledge of the engineering design process.

Demonstrates the ability to apply concepts in writing and projects.

1	2	3	4
Student is unable or rarely able to apply concepts in writing and projects.	Student is sometimes able to apply concepts in writing and projects.	Student is consistently able to apply concepts in writing and projects.	Student exceeds the standard and is independently able to apply concepts in writing and projects.