

Earth's Changing Surface Standards Based Grading Chart

✓ or X

	SCIENTIFIC CORE IDEAS: <i>Students will know...</i>
	Wind and water change the shape of the land.
	Maps show where things are located. One can map the shapes and kinds of land and water in any area.
	Water is found in many types of places on Earth.
	Solutions are compared, tested, and evaluated.
	Objects may break into smaller pieces and be put together into larger pieces or change shapes.
	Events have causes that generate observable patterns (Cause and Effect)
	Essential scientific vocabulary: Cause, Effect / Affect, Claim, Properties, Erosion
	SCIENTIFIC PRACTICES: <i>Students will be able to...</i>
	Gather evidence (through media and models) to make a claim that blowing wind and flowing water can move Earth materials from one place to another and change the shape of a landform.
	Investigate and compare the effectiveness of multiple solutions designed to slow or prevent wind or water from changing the shape of the land.
	Use information from observations (firsthand and from media) to explain that water is found in the ocean, rivers and streams, lakes and ponds.
	Develop and use a map to represent the shapes and types of landforms and bodies of water in an area.

Standards Based Grading Guidelines

The standards based grading checklists provided are meant as a tool to streamline the summative evaluation of each student's performance in a given science unit for their report card. Most, if not all of the guidelines have been taken from assessment rubrics more deeply embedded in each unit. If you have feedback to improve these documents, do not hesitate to send us your comments and suggestions. Want to use only part of the document? Create a copy of the document in your own in Google Docs that will be editable for you and whomever else you want to collaborate with!

In order to receive an "M" for mastery on their standards based report cards students should be able to complete **all** the criteria listed. "P1" and "P2" grades are left to the discretion of the teacher. An "E" grade would suggest the student has mastered all the criteria mentioned below and demonstrates additional knowledge regarding the content beyond the standards listed in one form or another to the teacher.

We hope you find these documents useful and encourage you to provide us feedback so we can better serve you and your students!