

# Wild Weather Materials List

Below is a list of materials needed for the Wild Weather project-based unit. We have inserted the links to the exact item and where you can purchase them online knowing that many of these items are things you may already have in your home, school or classroom.

Item	Quantity per pack	Each student / group needs...	Notes
local map	1	1 map	Students will need a map of their local area to create their natural disaster map. A state map will work well. It would also work to project an online map.
markers or other coloring tools	N/A	1 set to share	Any coloring tools (colored pencils, crayons, markers) will work for this project. Students can share.
<a href="#">poster board</a> or <a href="#">construction paper</a>	N/A	2 per student	Each student will need one piece of poster board or large construction paper for their natural disaster maps. It can be helpful to have some extras on hand..
<a href="#">baking sheet</a>	N/A	1 baking sheet	Each student or group needs one baking sheet. They will place sand on the backing sheet for the weathering and erosion experiment. A large plastic bin would also work.
<a href="#">damp sand</a>	N/A	a few cups	Each student or group needs enough sand to cover the top half of the baking sheet, forming hills and a river.
ice cubes	N/A	2-6 pieces	Students need a few pieces of ice for the weathering and erosion experiment.
<a href="#">straw</a>	N/A	1 per student	Each student needs a straw to blow air onto the sand for the weathering and erosion experiment.
<a href="#">pitcher</a> of water	N/A	1 to share	Students will use the pitcher to pour a stream of water onto the sand for the weathering and erosion experiment.
<a href="#">watering can</a>	N/A	1 to share	Students will use the watering can to sprinkle water onto sand for the weathering and erosion experiment. A paper cup with holes poked in the bottom would also work.

**Suggested Materials: Invent a Solution:** In one lesson, students create a 3D model of a design solution to reduce the impact of wild weather and natural disasters. Students can use any available materials they wish to use. Below are ideas for suggested materials that can work well to create a 3D model. Encourage students to be creative and use what you have on hand!

Item	Quantity per pack	Each student / group needs...	Notes
scissors	N/A	optional	Fabric scissors or teacher's scissors will work well to cut the T-shirt. Students can share.
<a href="#">modeling clay</a>	N/A	optional	Any sort of modeling clay or play-dough could be used to construct a 3D model.
<a href="#">popsicle sticks</a>	N/A	optional	Popsicle sticks can work well for constructing 3D models.
<a href="#">glue</a>	N/A	optional	School glue, craft glue, or hot glue are all good options for constructing 3D models.
<a href="#">pipe cleaners</a>	N/A	optional	Pipe cleaners can work well for constructing 3D models
cardboard	N/A	optional	Old, recycled cardboard can be a great material for constructing 3D models. Ask students to bring in old boxes from home.
<a href="#">string</a>	N/A	optional	String or twine can work well for constructing 3D models
<a href="#">foam shapes</a>	N/A	optional	Foam shapes can work well for constructing 3D models
cardboard rolls	N/A	optional	Recycled cardboard rolls from paper towel or bath tissue rolls can be a great material for constructing 3D models. Ask students to save and bring in old rolls from home.