

# Climate Change and the Great Lakes

## Sleeping Bear Dunes National Lakeshore – Post-Program Lesson Plan



### Climate Change Video

**Directions:** First, your group will create a plan for a short YouTube video. The video will focus on the effects of climate change on the Sleeping Bear Dunes National Lakeshore and the Great Lakes. The video must also include a few ways that people can help to lessen the impacts of climate change on the park and the Great Lakes. After you have created your plan, practice the plan and record the video. The video can be shared with Sleeping Bear Dunes National Lakeshore and placed on their YouTube site.

### Rubric:

Completed	Requirement	Points Earned
	The video plan includes <b>dialog scripts</b> and <b>sample images</b> . (25 points)	
	The video includes <b>at least 2</b> effects of climate change on Sleeping Bear Dunes National Lakeshore or the Great Lakes. (20 points)	
	The video includes <b>at least 2</b> ways people can help to lessen the impacts of climate change on the park and the Great Lakes. (20 points)	
	The video contains <b>accurate</b> scientific information. (10 points)	
	The <b>audio</b> , including dialogs or voiceovers, in the video is <b>easily understood</b> by the audience. (10 points)	
	There is a <b>summary</b> of the video to be used as a caption on YouTube and the summary contains <b>less than 50 words</b> (10 points)	
	The video has a <b>title</b> (5 points)	

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### Write and Preform Play

**Directions:** First, your group will write a play script about the effects of climate change. The play should include ways that climate change affects the Sleeping Bear Dunes National Lakeshore and the Great Lakes. Your play script should also include ways people can help to lessen the impact of climate change on the Sleeping Bear Dunes National Lakeshore and the Great Lakes.

### Rubric:

Completed	Requirement	Points Earned
	The play script is written in a play format and contains a beginning, middle, and ending. (30 points)	
	The play includes <b>at least 2</b> effects of climate change on Sleeping Bear Dunes National Lakeshore or the Great Lakes. (20 points)	
	The play includes <b>at least 2</b> ways people can help to lessen the impacts of climate change on the park and the Great Lakes. (20 points)	
	The play contains <b>accurate</b> scientific information. (10 points)	
	When the play is performed the dialog is <b>easily understood</b> by the audience. (10 points)	
	The play script is free from <b>grammar and spelling</b> errors. (10 points)	

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### Design a Poster Campaign

**Directions:** Today, you will be creating a poster that will be hung up to help educate people about the effects of climate change on the Sleeping Bear Dunes National Lakeshore. Your poster should have a catchy message. The poster should focus on one impact of climate change on the Sleeping Bear Dunes National Lakeshore.

### Rubric:

Completed	Requirement	Points Earned
	The poster includes a catchy <b>title or slogan</b> related to the impact of climate change. (20 points)	
	The poster includes <b>one</b> effect of climate change on Sleeping Bear Dunes National Lakeshore or the Great Lakes. (30 points)	
	The poster contains <b>accurate</b> scientific information. (20 points)	
	The poster is free from <b>grammar and spelling</b> errors. (10 points)	
	The poster is easy to read from a distance and would catch your attention. (20 points)	