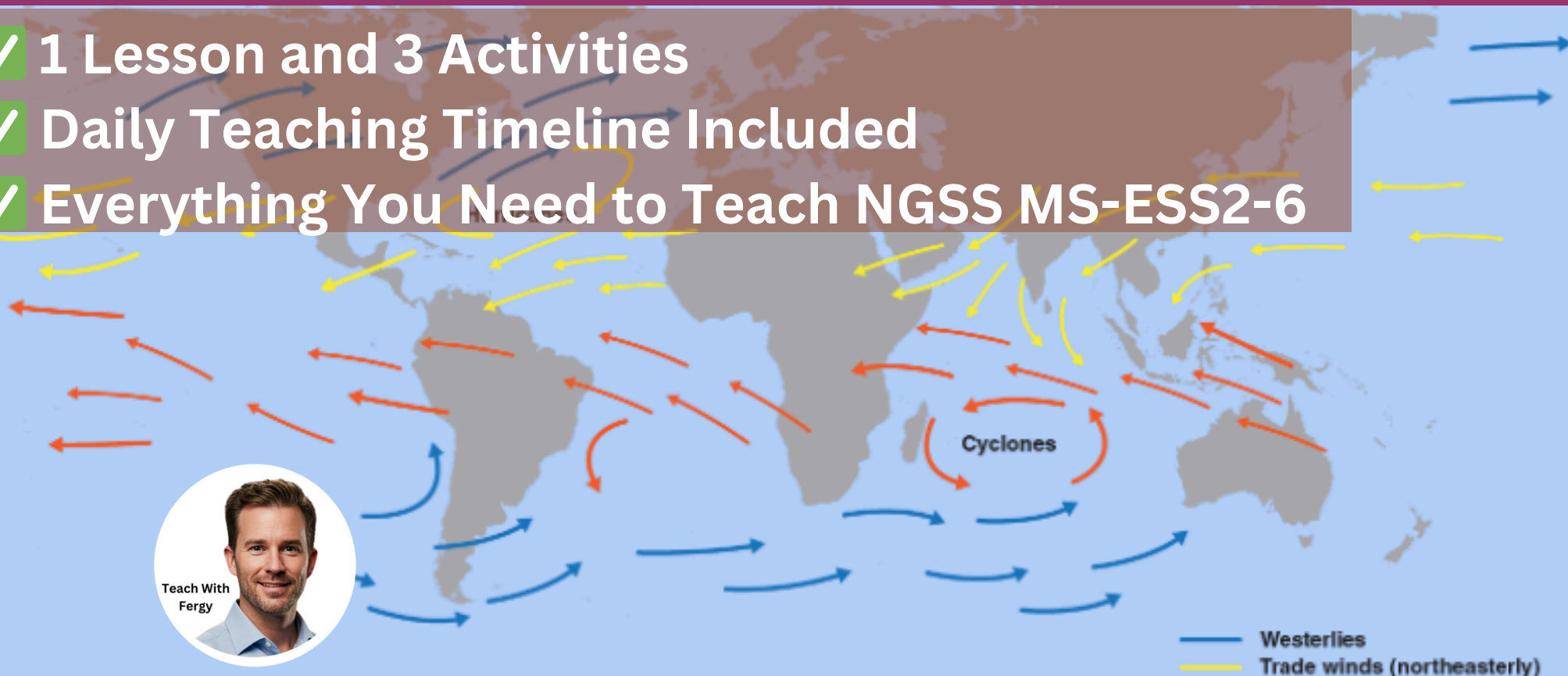


NGSS MS-ESS2-6

Curriculum Bundle

How Unequal Heating and Earth's Rotation Shape Climate

- ✓ 1 Lesson and 3 Activities
- ✓ Daily Teaching Timeline Included
- ✓ Everything You Need to Teach NGSS MS-ESS2-6



Resources Included

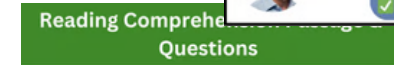
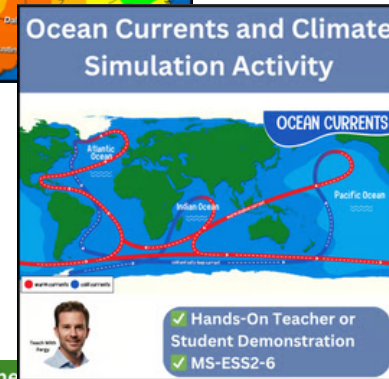
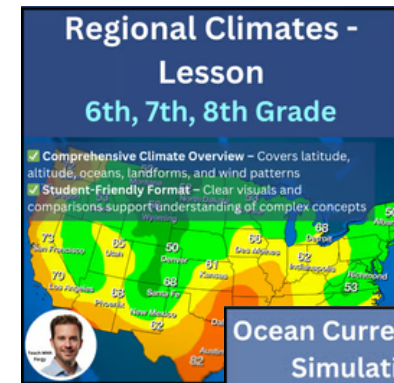


1 Lesson



3 Activities

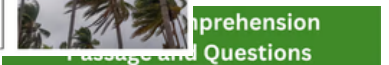
- Regional Climates Lesson
- Atmospheric Circulation Reading
- Why The Wind Blows Reading
- Ocean Currents and Climate Simulation Activity



Why The Wind Blows

6th, 7th, and 8th Grade Science

- ✓ No Prep, Ready-to-Use Resource in Google and Office Format
- ✓ Includes Comprehension and Extension Questions



Atmospheric Circulation

6th, 7th, and 8th Grade Science

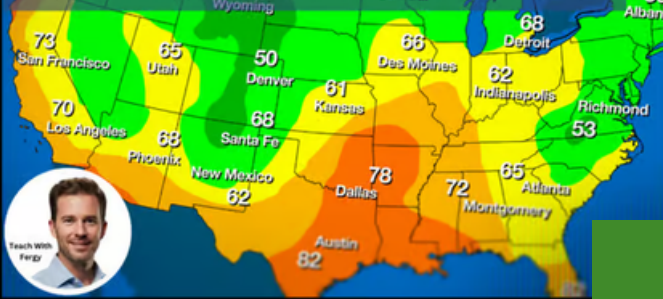
- ✓ No Prep, Ready-to-Use Resource in Google and Office Format
- ✓ Includes Comprehension and Extension Questions



Everything You Need to Teach NGSS MS-ESS2-6

Regional Climates - Lesson 6th, 7th, 8th Grade

- ✓ **Comprehensive Climate Overview** – Covers latitude, altitude, oceans, landforms, and wind patterns
- ✓ **Student-Friendly Format** – Clear visuals and comparisons support understanding of complex concepts



Ocean Currents and Climate Simulation Activity



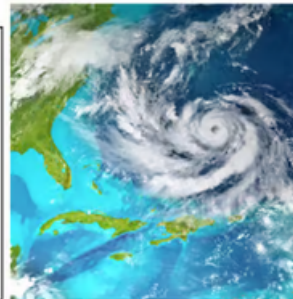
- ✓ **Hands-On Teacher or Student Activity**

Reading Comprehension Passage and Questions

Atmospheric Circulation

6th, 7th, and 8th Grade Science

- ✓ **No Prep, Ready-to-Use Resource** in Google and Office Format
- ✓ **Includes Comprehension and Extension Questions**



Reading Comprehension Passage & Questions

Why The Wind Blows

6th, 7th, and 8th Grade Science

- ✓ **No Prep, Ready-to-Use Resource** in Google and Office Format
- ✓ **Includes Comprehension and Extension Questions**



Includes a Daily Teaching Timeline for the Standard and the Resources it Uses

MS ESS2 Earth's Systems

MS-ESS2-6. Develop and use a model to describe how unequal heating and rotation of the Earth cause patterns of atmospheric and oceanic circulation that determine regional climates. [Clarification Statement: Emphasis is on how patterns vary by latitude, altitude, and geographic land distribution. Emphasis of atmospheric circulation is on the sunlight-driven latitudinal banding, the Coriolis effect, and resulting prevailing winds; emphasis of ocean circulation is on the transfer of heat by the global ocean convection cycle, which is constrained by the Coriolis effect and the outlines of continents. Examples of models can be diagrams, maps and globes, or digital representations.] [Assessment Boundary: Assessment does not include the dynamics of the Coriolis effect.]

Resources:

- Regional Climates Lesson
- Atmospheric Circulation Reading
- Why The Wind Blows Reading
- Ocean Currents and Climate Simulation Activity

NGSS Standard Daily Teaching Plan

Lesson Length: 55 minutes

Timeframe: 4 Days

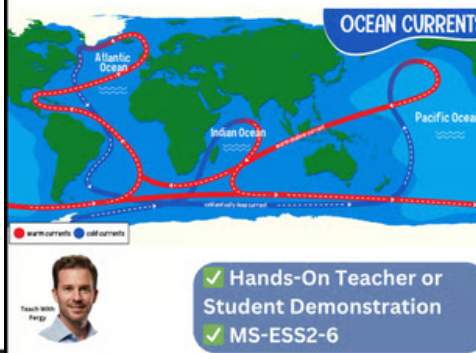
Day	Lesson/Activity	Notes
Day 1	Regional Climates Lesson	
Day 2	Atmospheric Circulation Reading and Why The Wind Blows Reading	
Day 3	Ocean Currents and Climate Simulation Activity	
Day 4	Completion of Ocean Currents and Climate Simulation Activity	

Regional Climates - Lesson 6th, 7th, 8th Grade

- ✓ **Comprehensive Climate Overview** - Covers latitude, altitude, oceans, landforms, and wind patterns
- ✓ **Student-Friendly Format** - Clear visuals and comparisons support understanding of complex concepts



Ocean Currents and Climate Simulation Activity



Reading Comprehension Passage & Questions

Why The Wind Blows 6th, 7th, and 8th Grade Science

- ✓ **No Prep, Ready-to-Use Resource** in Google and Office Format
- ✓ **Includes Comprehension and Extension Questions**



Who is this Bundle for?

- **Teachers who teach middle school science and use the NGSS**
- **Teachers who want multiple resources at their fingertips including lessons and a variety of activities, in order to meet the standard**
- **Teachers who don't have time to develop their own resources or organize what to teach and when**