

# Functional Geography Level 6-9

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ELC-5083

## Common Core Standards

### **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.

### **MS-ESS1-1**

Develop and use a model of the Earth-sun-moon system to describe the cyclic patterns of lunar phases, eclipses of the sun and moon, and seasons.

### **MS-ESS3-5**

Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century.

### **1-ESS1-1**

Use observations of the sun, moon, and stars to describe patterns that can be predicted.

### **3-ESS2-1**

Represent data in tables and graphical displays to describe typical weather conditions expected during a particular season.

### **5-ESS1-2**

Represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night, and the seasonal appearance of some stars in the night sky.

### **MS-ESS1-1**

Develop and use a model of the Earth-sun-moon system to describe the cyclic patterns of lunar phases, eclipses of the sun and moon, and seasons.

## Language

**SL.8.5** Integrate multimedia and visual displays into presentations to clarify information, strengthen claims and evidence, and add interest.

## **Math**

**6.RP.A.1** Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities.

**7.RP.A.2** Recognize and represent proportional relationships between quantities.