

## Grade 5

### Rotation B - Ecosystems

#### Standard #14

##### Slide show

- This slide show from Scholastic Study Jams reviews the concepts of lithosphere, hydrosphere, and atmosphere.

Scholastic Study Jams: Lithosphere, Hydrosphere, Atmosphere

<http://studyjams.scholastic.com/studyjams/jams/science/rocks-minerals-landforms/lithosphere-hydrosphere-atmosphere.htm>

##### Videos

- In this video from Crash Course Kids, they discuss the Geosphere and Biosphere.

Fours Spheres Part 1 (Geo and Bio): Crash Course Kids #6.1

<https://www.youtube.com/watch?v=VMxjzWHbyFM>

- In this video from Crash Course Kids, they discuss the hydrosphere and atmosphere.

Four Spheres Part 2 (Hydro and Atmo): Crash Course Kids #6.2

[https://www.youtube.com/watch?v=UXh\\_7wbnS3A](https://www.youtube.com/watch?v=UXh_7wbnS3A)

##### Article

- This brief article from National Geographic allows students to read about the importance of the ocean.

Ocean

<https://www.nationalgeographic.org/encyclopedia/ocean/>

## Lesson

- This lesson from CK-12 is about Earth's layers. Lessons from CK-12 can be assigned directly to your Google Classroom.

Earth's Outer Layers

<https://flexbooks.ck12.org/cbook/ck-12-middle-school-earth-science-flexbook-2.0/section/3.13/primary/lesson/earths-outer-layers-ms-es>

## Standard #15

### ESC Video

- This video, filmed at the ESC, discusses the water around us and its importance.

The Importance of the Water around Us – Discussion about Pine Lake

<https://youtu.be/OF-1tJ2O-u8>

### Video

- This brief video from Crash Course Kids discusses how much water is on earth.

Water Water Everywhere: Crash Course for Kids #14.2

<https://www.youtube.com/watch?v=SkAhB-8CtZg>

### Article

- This brief article from National Geographic allows students to read to gain understanding about watersheds.

Watershed

<https://www.nationalgeographic.org/encyclopedia/watershed/>

### Slide Show

- This slide show from NASA's Climate Kids explores 10 interesting facts about the water around us.

10 Interesting Things about Water

<https://climatekids.nasa.gov/10-things-water/>

## Lesson

- This lesson from CK-12 is about water distribution and what happens when water become scarce. Lessons from CK-12 can be assigned directly to your Google Classroom.  
Water Distribution

<https://flexbooks.ck12.org/cbook/ck-12-middle-school-earth-science-flexbook-2.0/section/8.5/primary/lesson/water-distribution-ms-es/>

## Standard #16

### Articles

- This brief article from National Geographic discusses sustainable resources.  
Sustainability

<https://www.nationalgeographic.org/encyclopedia/sustainability/>

- This article from Science News for Students discusses the importance of barrier islands.  
Nature's Coast Guards

<https://www.sciencenewsforstudents.org/article/natures-coast-guards>

## Lesson

- This lesson from CK-12 is about renewable and non-renewable resources. Lessons from CK-12 can be assigned directly to your Google Classroom.

[https://flexbooks.ck12.org/cbook/CK-12-Middle-School-Earth-Science-FlexBook-2.0/section/20.4/primary/lesson/Renewable-vs-Non-Renewable-Energy-Resources-MS-ES/?copy\\_source=topConcepts&dxvisitorid=kJ2nLRh192LOMHLe91rnElcWH](https://flexbooks.ck12.org/cbook/CK-12-Middle-School-Earth-Science-FlexBook-2.0/section/20.4/primary/lesson/Renewable-vs-Non-Renewable-Energy-Resources-MS-ES/?copy_source=topConcepts&dxvisitorid=kJ2nLRh192LOMHLe91rnElcWH)

## Video and Lesson Resources

- This Flocabulary link contains a video, vocabulary cards, and additional classroom resources pertaining to natural resources.  
Natural Resources

<https://www.flocabulary.com/unit/natural-resources/>

- This Flocabulary link contains a video, vocabulary cards, and additional classroom resources pertaining to reforestation.

Reforestation

<https://www.flocabulary.com/unit/reforestation/>

- This Flocabulary link contains a video, vocabulary cards, and additional classroom resources pertaining to the environmental principles of reducing, reusing, and recycling.

Reduce, Reuse, Recycle

<https://www.flocabulary.com/unit/reduce-re-use-recycle/>

- This Brainpop link contains a video and other lesson resources pertaining to natural resources.

Natural Resources

<https://www.brainpop.com/science/earthsystem/naturalresources/>