

Links for Grade 5 Review Book Teacher Edition

Lesson 1: Forces and Interactions

Down to Earth: Crash Course Kids

https://www.youtube.com/watch?v=BIPtF_NqIQI

Balanced and unbalanced forces

https://www.youtube.com/watch?v=8Q1tw_QWy-8

Real life examples of friction

<https://www.youtube.com/watch?v=V2P6CuHVVvI>

Lesson 2: Electromagnetism

Junkyard heavy electromagnet

<https://www.youtube.com/watch?v=XBWy9gzGGd4>

Static electricity science demo (Bill Nye)

<https://www.youtube.com/watch?v=Z-77IzaXGcg>

The Science Behind Magnets

<https://www.youtube.com/watch?v=MZtTVslOA9c>

Lesson 3: Energy and Motion

Newton's Cradle

<https://www.youtube.com/watch?v=0LnbyjOyEQ8>

Amazing Sound Experiment!

<https://www.youtube.com/watch?v=wwJAgUBF4w>

Speeding through energy transfer

<https://www.youtube.com/watch?v=htxYpv9JrYk>

Floor tiles that generate electricity through footsteps

<https://www.youtube.com/watch?v=CQ50llyG8-8>

Lesson 4: Waves and Information

Wavelength and Amplitude

<https://www.youtube.com/watch?v=1NJHHA9bp5>

The Talking Drum

<https://www.youtube.com/watch?v=JT3tIJzAkcc>

Lesson 5: Particles of conservation of mass

What is air made of?

<https://www.youtube.com/watch?v=NI2R3uEwgMA>

Law of conservation of mass: demonstration

https://www.youtube.com/watch?v=DVDeDuG_j8c

Lesson 6: Properties and Changes

The Mohs scale of hardness explained

<https://www.youtube.com/watch?v=xZUgWzRpA-4>

Conservation of mass

<https://www.youtube.com/watch?v=774TbEUUM-A>

Lesson 7: Life Cycles

Baby bird hatching

<https://www.youtube.com/watch?v=6JCSNvoQI20>

From seed to flower

<https://ny.pbslearningmedia.org/resource/tdc02.sci.life.colt.plantsgrow/from-seed-to-flower/>

Meal worm to darkling beetle in under two minutes

<https://www.youtube.com/watch?v=mXluSXFGX-k>

Lesson 8: Living structure and function

Large fly eaten by giant venus flytrap

<https://www.youtube.com/watch?v=gwVBdnD7SPw>

Animal science: extreme vision

Lesson 9: Traits and Adaptations

Inheritance and variation of traits

<https://www.youtube.com/watch?v=ZmTSnZ7Z3Vs>

Physical traits: little things that make a big difference

Lesson 10: Groups and survival

Army of ants working together

<https://www.youtube.com/watch?v=b79ngWcOTIo>

Canada geese form the flying V

https://www.youtube.com/watch?v=RN0SO5Q4_SQ

Grizzly bears catching salmon

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

Snapping turtles hatchlings hibernate

<https://www.youtube.com/watch?v=7PmldSulGrE>

Lesson 11: Energy and matter in ecosystems

Fabulous food chains: crash course kids

[Fabulous Food Chains: Crash Course Kids #7.1](#)

Who needs dirt?

[Who Needs Dirt?: Crash Course Kids #27.1](#)

Understanding ecosystems for kids

[Understanding Ecosystems for Kids: Producers, Consumers, Decomposers - FreeSchool](#)

Decomposers

[NOVA | Decomposers | PBS LearningMedia](#)

Lesson 12: Salt and Fresh Water

Earth's water

Lesson 13: Weather and climate

Meteorologist explains weather maps

[Meteorologist Ryan Davidson Explains Weather Maps](#)

Climate zones explained

[climate zones explained \(explainity® explainer video\)](#)

Lesson 14: The Earth's Surface

The difference between weather(ing) and erosion

[Difference between Weathering and Erosion](#)

Potato mountain: explaining topographic maps

[Potato Mountain - Explaining Topographic Maps](#)

Lesson 15: Fossils and geologic time

The Grand Canyon: Evidence of the Earth's past

[The Grand Canyon: Evidence of Earth's Past | PBS LearningMedia](#)

Lesson 16: Earth's systems

How do hurricanes form?

[How Do Hurricanes Form?](#)

Lesson 17: Living in balance with Earth systems

30 foot flood washes away houses

[30 Foot Flood Washes Away Houses](#)

Lesson 18: Resources and environment

Cleaning river in Jakarta with the Interceptor

[Cleaning River In Jakarta with Interceptor 001 | Cleaning Rivers | The Ocean Cleanup](#)

Dam: simple reasons for no more hydropower in Europe

[Dam simple reasons for no more hydropower in Europe on Vimeo](#)

Lesson 19: Stars, the Sun, and Changes in Our Sky

A star's distance from Earth affects its brightness

[A star's distance from Earth affects its brightness | MightyOwl Science | 5th Grade](#)

Constellation location

[Constellation Location: Crash Course Kids #31.2](#)