

## **BrainPop Science**

### **Acceleration**

Ever feel like you're going faster and faster with no end in sight? That's acceleration! Learn about the rules that govern speeding up and slowing down in this swell animated movie!

### **Acids and Bases**

Find out how acids and bases are different, and where they fall on the pH scale, in this BrainPOP movie!

### **Active Transport**

Cells have to eat, too. Learn how.

### **Air Pollution**

Air pollution is bad for people and for the environment. Tim and Moby will show you how it is created and how to prevent it!

### **Albert Einstein**

Learn about the man whose name is synonymous with genius!

### **Algae**

That green gunk floating on the pond...is alive! Tim and Moby investigate the many colors of algae.

### **Aliens**

Is there anybody out there? Find out the truth about aliens!

### **Amphibians**

Learn all about amphibians and their double lives!

### **Ants**

Ants are loads of creepy-crawly fun!

### **Apollo Project**

Apollo wasn't just a Greek god--it was one of the coolest space programs ever!

### **Arachnids**

Spiders and scorpions and mites, oh my!

### **Asteroids**

An asteroid may have wiped out the dinosaurs! Find out more about these ancient rocks.

### **Atoms**

They're so small, you can't even see them, yet they make up everything you see! Explore the tiny yet strangely vast world of atoms!

### **Autumn Leaves**

There's more to autumn leaves than just pretty colors! Learn why the leaves change in the fall in this animated movie!

**Avalanches**

Look out below! Find out what happens during an avalanche!

**Bats**

Those aren't birds, sweetheart...those are giant, vampire bats!

**Batteries**

You never notice them until they run out of juice! But they power everything from handheld games to submarines... Learn the science behind batteries in this animated movie!

**Behavior**

Find out what it means when someone tells you, "Oh, behave!"

**Ben Franklin**

He never became President, but this Founding Father had a huge influence on the formation of America.

**Big Bang**

The universe wasn't always here. Learn the scientific explanation of how it came to be in this animated movie!

**Birds**

Learn all about birds and how they fly in this Tim and Moby movie.

**Black Holes**

Try as you may, you'll never escape!

**Building Basics**

Find out how buildings are designed to withstand the effects of gravity, compression, and tension.

**Buoyancy**

Throw an anchor into the ocean and it sinks. But why does a boat holding an anchor float? Learn about the mysteries of buoyancy in this animated movie!

**Camouflage & Mimicry**

See if you can spot these masters of animal disguise!

**Carbon Cycle**

No, it's not a cool new bike...it's how carbon moves around through different forms. Find out how it works and why it's so important!

**Carbon Dating**

How old's that bone? Find out how scientists find out!

**Carnivorous Plants**

Bugs--they're what's for dinner.

**Cats**

A cat's the only cat who knows where it's at...so watch this movie to learn about what it's like to be a fine feline!

## **Cell Structures**

Learn about what goes on inside a cell in this animated movie!

## **Cellular Respiration**

Tim and Moby teach you everything you need to know about cellular respiration--including how it's different from the respiratory system!

## **Charles Darwin**

Meet the originator of the theory of evolution, one of the most important ideas in the world today!

## **Chemical Equations**

What does a chemical reaction look like on paper?

## **Classification**

How do scientists organize the millions of species on Earth?

## **Climate Types**

From the equator to the poles, learn all about the earth's climate systems!

## **Cloning**

Clones are creatures that share the exact same DNA! Find out why scientists are working to perfect the technology.

## **Clouds**

Tim and Moby show you different cloud types and explain how clouds form!

## **Cnidarians**

Learn about the secret life of jellyfish and other squishy sea creatures!

## **Comets**

Where do comets come from, and where are they going?

## **Compounds and Mixtures**

Learn about the different ways in which elements combine to make new substances in this animated movie!

## **Conditioning**

Dinnertime! Ring ring ring!

## **Conservation of Mass**

Discover why you can't disappear into thin air!

## **Coral**

Coral! Wow!

## **Crystals**

Crystals can be beautiful and sparkly and valuable. But precious gemstones aren't the only crystals out there! Watch this movies to learn more about crystals!

## **Current Electricity**

Tim and Moby trace electricity's path from the power plant into your home!

## **Dark Matter**

What's holding the universe together? Dark matter (maybe).

**Deserts**

They're not for dessert.

**Diffusion**

Do you smell something funny? Thank diffusion.

**Dinosaurs**

Dinosaurs ruled the earth millions and millions of years ago. Learn what they looked like, what they ate, what happened to them, and more!

**Dogs**

It's a dog eat dog world out there--only usually they're not really eating each other..

**Dolly the Sheep**

It's not science fiction anymore - scientists in Scotland cloned a sheep. Learn about Dolly, the world's first clone made from adult **DNA**.

**Dolphins**

Friendly mammals of the sea!

**Earth**

Why is Earth so well-suited to life? Follow Tim and Moby as they explore the blue planet.

**Earth's Atmosphere**

It's the air you breathe, and so much more! In this movie, learn about the many layers of Earth's atmosphere!

**Earth's Structure**

We all know what goes on on the surface of the earth, but what happen beneath the surface, so to speak? Learn about your planet's internal structure in this animated movie!

**Earthquakes**

I think I felt the earth move... Tim and Moby explain earthquakes!

**Eclipse**

In ancient times, an eclipse was often a harbinger of impending doom! Now we know better! Check this out to learn about eclipses, both solar and lunar!

**Ecosystems**

Learn about the interactions between living and non-living things in this BrainPOP movie!

**Electric Circuits**

Electrons are your friends. Learn how to make them work for you!

**Electrical Induction**

How are electricity and magnetism related? Tim looks into the shocking truth.

**Electricity**

There's more to electricity than just turning on a switch. Check out this movie as Tim and Moby explore the mysteries of electricity!

## **Electromagnetic Spectrum**

Check out this animated movie to learn about the spectrum of radiation we call light!

## **Electromagnets**

Electricity and magnetism...two sides of the same coin.

## **Energy Sources**

We all use energy to light our homes, run our cars, and cook our food. But where does all that energy come from? Learn about sources of energy in this animated movie!

## **Erosion**

Learn about how erosion shapes the land over time.

## **Exoplanets**

Is there life out there?

## **Extinction**

Dinosaurs ruled the earth for millions and millions of years! Where did they all go?

## **Fire**

Fire, fire, burning bright, see what sets a fuel alight!

## **Fish**

Fish: they're not just what's for dinner! Find out about all things scaly and slimy, with Tim and Moby.

## **Flight**

Nervous about flying? Or do you love to soar with the eagles? Either way, you'll enjoy this explanation of the mechanics of flight!

## **Floods**

Water, water everywhere...

## **Food Chains**

Every living thing needs food to survive, and sometimes the handiest food is another living thing! Learn how all life is interconnected in this animated movie!

## **Force**

What makes you go from 0 to 60? Tim and Moby investigate the mystery of force.

## **Forms of Energy**

Tim and Moby talk energy and find out where it comes from in this BrainPOP movie.

## **Fossil Fuels**

What makes cars go? Fossil fuels! What lights up gas grills and stoves? Fossil fuels! What's made from dead plants and animals? Why, they're fossil fuels, and there featured right here!

## **Fossils**

So how does a dinosaur become a fossil?

## **Fuel Cells**

Are you ready for the future of energy? While they're still being perfected, fuel cells are one of the most

promising energy technologies to come around in a long while! Check out this animated movie to learn more!

### **Galaxies**

What do stars call home?

### **Galileo Galilei**

How do we know the moon isn't made of cheese? You can thank **Galileo**.

Gas and Oil

Oil makes the world go round.

### **Geologic Time**

How do you measure billions of years? Tim and Moby look into eons, epochs, and periods.

### **Giant Squid**

Giant squid off the port bow! Evasive action!

### **Gills**

Look ma, no scuba gear!

### **Glaciers**

See how glaciers form and erode the land in this BrainPOP movie.

### **Gravity**

It makes things fall! It keeps you from flying off into space! It's gravity, and Tim and Moby explore its inner workings in this movie!

### **Greenhouse Effect**

It's getting hot in here...so it's a perfect time to find out how the greenhouse effect works!

### **Groundwater**

What do wells, springs, and geysers have in common? Tim and Moby discover Groundwater in this BrainPOP movie.

### **Heat**

We can all tell if something's hot, but precious few of us know WHY it's hot! Watch this movie to learn, and be the envy of all the kids on your block!

### **Hibernation**

It isn't just sleep - it's how some animals survive the winter!

### **Honeybees**

Come along as Tim and Moby check out the social scene at their local hive!

### **Horses**

A horse is a horse, of course, of course. Okay, so what exactly is a horse?

### **Human Evolution**

How did people come to look and act the way they do? Find out about your ancestors from millions of years ago!

### **Humans and the Environment**

Waste not, want not--see what you can do to help the environment!

**Humidity**

It's not the heat; it's the humidity! But what is humidity?

**Hurricanes**

Batten down the hatches, and get ready for the BrainPOP movie on hurricanes!

**Ice Age**

Chill out with this explanation of ice ages!

**Inclined Plane**

What do a doorstep, a ramp, and a screw have in common? Watch this movie to learn how this simple invention makes our lives easier!

**Insects**

They're here, they're there, they're everywhere! Well, hopefully not EVERYWHERE, but insects can survive in almost any environment. Learn about our tiny six-legged pals in this animated movie!

**International Space Station**

Watch space exploration take another giant leap forward as we take you on an animated tour of the International Space Station!

**Invertebrates**

What do you call an animal without a backbone? An invertebrate, that's what! Learn all about them in this animated movie!

**Ions**

What gives ions their charge? Find out in this shocking expose.

**Isotopes**

What isotopes are and how they fit into the periodic table.

**Jane Goodall**

Stop monkeying around and watch this movie!

**Jupiter**

Learn about Jupiter, the largest planet in our solar system!

**Kinetic Energy**

Let Tim and Moby show you stuff about kinetic energy, the energy of motion in this swell animated movie!

**Land Biomes**

Deserts, forests, tundra...Learn about all the biomes in this animated movie!

**Leap Year**

Jump right in to the BrainPOP movie on leap years!

**Lever**

From seesaws to scales to wheelbarrows, the lever has proven to be one of the best inventions ever! Learn about the different classes of levers in this animated movie.

**Life Cycle of Stars**

Our sun wasn't always the way you see it today. And it won't always be this way in the future! Explore the awesome wonders of red giants, white dwarfs, and black holes in this animated movie!

**Light**

Light is great, but what the heck is it? Shed a little light on the subject with Tim and Moby!

**Magnets**

Is learning about magnetism...attractive to you?

**Mammals**

Learn all about the many kinds of mammals!

**Marie Curie**

Meet the woman responsible for your last x-ray!

**Mars**

Tim and Moby tell you why Mars is like Earth and how it came to be known as the "Red Planet."

**Matter Changing States**

Presto-change-o! Watch Tim turn ordinary water into ice!

**Measuring Matter**

Learn to measure matter in this movie on mass, volume, and density!

**Mercury**

Mercury is the closest planet to the sun! Take a voyage with Tim and Moby to find out more.

**Metals**

What's so special about metal?

**Metamorphosis**

Find out how insects develop through complete or incomplete metamorphosis in this BrainPOP movie!

**Microscopes**

Look into the secret world of tiny things, as Tim and Moby explain the microscope!

**Migration**

Thinking of heading south this winter? Join the club.

**Milky Way**

Find your place in the universe!

**Mineral Identification**

Learn how to tell similar-looking rocks apart and identify them using the Moh's hardness scale.

**Mitosis**

Find out how cells divide as Tim and Moby explain the stages of mitosis in this BrainPOP movie.

**Mollusks**

How do clams move? What makes squids tick? Tim and Moby look into the world of the mollusk.

**Monotremes**

Find out why monotremes are the weirdest mammals alive!

**Moon**

Space is vast, but we're lucky to have a close neighbor! Watch this movie to learn about our planet's nearest and dearest companion, the moon!

**Mountains**

How high the mountain? Only Moby knows for sure.

**Nanotechnology**

Ready for nanobots to rule the world?

**Natural Disasters**

Learn all about natural disasters and how to prepare for them!

**Natural Resources**

How do humans use and abuse planet Earth?

**Natural Selection**

Did people evolve from monkeys? Not really, but we did have a common ancestor! This animated movie explains the "survival of the fittest!"

**Neptune**

An overview of the planet Neptune. Oh, boy!

**Newton's Laws of Motion**

How does stuff move? Why does it move? Isaac Newton figured it out, and Tim and Moby explain it in this movie!

**Nobel Prize**

Learn about this prestigious international prize!

**Nuclear Energy**

Unlock the awesome power of the atom with Tim and Moby in this animated movie!

**Ocean Currents**

Set a course for adventure with this BrainPOP movie on ocean currents!

**Ocean Floor**

Underwater mountains and earthquakes?! Tim and Moby explore what's happening on the ocean floor.

**Oceans**

Salt water covers 71 percent of the earth's surface! Find out about the world's oceans and why they're so important.

**Outer Solar System**

Find out what's going on in the far reaches of the solar system...

**Ozone Layer**

What is the ozone, and why the heck is there a hole in it? Tim and Moby answer these questions in this movie!

**Pandas**

Meet the giant pandas: Cute blobs of fur you can't live without!

**Passive Transport**

How does stuff move in and out of cells?

**Penguins**

They drink saltwater and always eat on the run. Find out all about these odd birds.

**Periodic Table of Elements**

Learn about how the elements are organized on the Periodic Table of Elements! You'll be mesmerized by this wondrous chart!

**pH**

How does acid eat through stuff? What happens when you combine an acid with a base? Tim and Moby explore these questions and more in this movie!

**Photosynthesis**

People and animals have to eat their food, but green plants can make their own using sunlight! Check out this movie to learn how!

**Plant Growth**

See how flowering plants produce new seeds in this BrainPOP movie.

**Plastic**

Plastic's everywhere - from the casing on your MP3 player to the soles of your sneakers. Learn all about this versatile stuff!

**Plate Tectonics**

The continents of Earth weren't always like you see them today. Learn about the slowly changing face of our planet in this animated movie!

**Pluto**

Learn all about the dwarf planet Pluto!

**Pollination**

Hop from flower to flower as Tim and Moby explore the nuts and bolts of pollination!

**Population Growth**

Our population is exploding! See how it affects our environment in this animated BrainPOP movie.

**Potential Energy**

How do you know when an object has potential energy? It's easier than you think, and more stuff has potential energy than you'd believe! Find out more in this animated movie!

**Power**

What's it take to get work done quickly? Power, dude. Power.

**Precision and Accuracy**

Wanna know the difference between precision and accuracy? Tim and Moby will tell you!

**Property Changes**

Find out the difference between chemical and physical changes!

**Protists**

What are protists all about? Watch this movie and you will learn...

**Protozoa**

These little guys make a big difference on planet Earth!

**Radioactivity**

What is radiation, and why do certain kinds of matter produce it?

**Rainbows**

Learn about that wonder of optics, the rainbow! (Pots of gold not included)

**Recycling**

Learn what happens when you recycle - and how recycling can help our environment!

**Refraction and Diffraction**

Why do prisms do what they do to light? How do sound waves spread? Answers inside.

**Relativity**

Sometimes science is stranger than fiction! Stretch your brain to the limits of space and time in this animated movie!

**Reptiles**

You're not scared of reptiles, are you? Listen to Tim's advice: to know reptiles is to love them.

**Rivers**

Tim and Moby explain how rivers form and what makes up a river system.

**Rock Cycle**

Sure, the life of a rock doesn't sound interesting at first, but you'd be surprised! Tim and Moby explore the rock cycle in this animated movie!

**Saturn**

There's more to Saturn than just rings! (Although, we admit, the rings ARE pretty cool.) Learn about the beautiful gas giant in this animated movie!

**Savanna**

What's that lurking in the tall grass? Stick close to Tim and Moby as they explore the savanna!

**Science Projects**

Got a science project to do? Let us help!

**Scientific Method**

How do scientists come up with all those theories? Believe it or not, there's a method to the madness! Learn all about it in this animated movie!

**Scientific Problem-Solving**

How do scientists come up with all those theories and laws? We'll give you a hint--they aren't just guessing!

**Seasons**

Spring into action! Find some summer love! Fall into this movie and learn about the seasons! Um. Uh, Winter! Winter, Winter, Winter.

**Seed Plants**

A look at gymnosperms and angiosperms. Yay!

**Shark Attacks**

Just when you thought it was scary to go in the water...Tim & Moby put things in perspective.

**Six Kingdoms**

A great big pile of life!

**Snowflakes**

Falling snow is a beautiful sight, but the hidden structure of snow are even more breathtaking! Check out how snowflakes form in this animated movie!

**Soil**

What's the difference between dirt and soil? Tim digs into the question.

**Solar Energy**

The sun is pretty much an endless source of energy. Find out how we're harnessing its rays!

**Solar System**

Which is your favorite object in the Solar System? Ours is Earth, but we're kind of biased, 'cause we live there.

**Sound**

Can you hear that? It's the sound of a swell movie ABOUT sound!

**Spiders**

Want to learn about spiders? Watch this movie!

**Sponges**

Some sponges you use to clean the dishes, but some are ALIVE! Thrill as Tim and Moby tell you all about this fascinating animal!

**States of Matter**

Learn about the three main states of matter with Tim and Moby!

**Static Electricity**

It's a shocker!

**Sun**

How cool would it be to have your very own star? Well, guess what - we do! It's the sun, and you can learn about it here!

**Symbiosis**

Learn about some of the weirder relationships between species!

**Taiga**

What's the taiga? Join Tim and Moby on their trip to this northern biome.

**Telescopes**

Find out all about the optics of telescopes and how they let us see far away objects!

**Temperature**

Feeling a little hot under the collar? Or are you cool as a cucumber? Learn about temperature in this animated movie!

**Thunderstorms**

What's that rumbling in the distance? It's a thunderstorm! Watch this movie, in which Tim and Moby investigate these awe-inspiring storms!

**Tides**

Find out how the moon controls tides on Earth and how tides can provide us with energy in this BrainPOP movie!

**Tornadoes**

Our tornado movie will blow you away!

**Tropical Rain Forests**

You hear a lot about the rainforest, but what is it? Learn about these majestic forests in this movie!

**Tsunami**

Learn about these rare natural disasters!

**Tundra**

What's cold and dry and fragile but neat all the same? Why, it's tundra! Learn about this biome here!

**Types of Rocks**

There are lots of types of rocks! Get ready for Tim and Moby to rock your world with this movie!

**Underwater World**

Dive deep under the ocean as Cassie and Rita explore the depths of the sea!

**Uranus**

Learn about the seventh planet from the sun!

**Venus**

Visit the second planet from the sun, with Tim and Moby.

**Vertebrates**

Animals with a spine are called vertebrates! Learn all about them in this animated movie!

**Volcanoes**

Violent eruptions! Huge plumes of gas! Rivers of molten lava! This movie investigates all this stuff and more!

**Water**

Two-thirds of the earth is covered with it! It makes up most of your body weight! It's fun to swim in! It's water, and Tim and Moby dive into the subject in this animated movie!

**Water Cycle**

Water, water everywhere.

**Water Pollution**

What's muddying the water and what can you do about it? Only Tim will tell.

**Waves**

Surf's up, dude!

**Weather**

Get the skinny on weather with Tim & Moby!

**Weathering**

Ever wonder how dirt is made? Or how sharp mountain peaks can become soft hills? Check out our movie about weathering and learn!

**Wheel and Axle**

Tim and Moby explain how the wheel and axle works as a simple machine.

**Wind**

Where does the wind come from? Tim and Moby answer this question here! (Hint: There is no giant fan involved)

**Work**

Tim and Moby look into what makes work work.