



YOUTUBE STEM RESOURCES

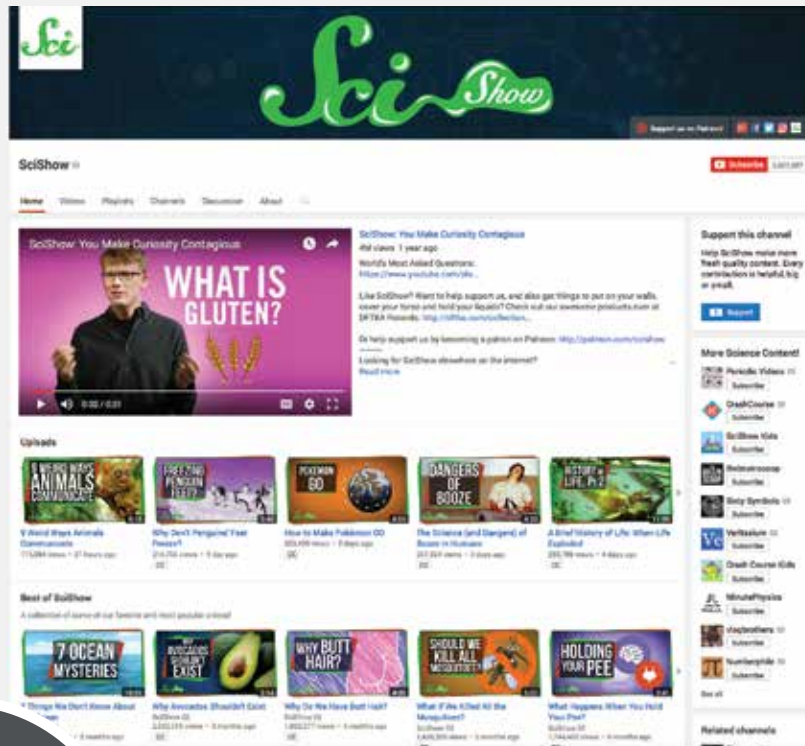
Written by Andy the Science Wiz, Andy Allan,
NAA's STEM Specialist.



YOUTUBE HAS SOMETHING FOR EVERYONE...



...whether you're a student, a science teacher, or just a science nerd who needs to know why Pluto is no longer a planet. **CHECK OUT THE FOLLOWING LIST OF GREAT STEM CHANNELS ON YOUTUBE.** Always bear in mind that videos need to be curated for age and content appropriateness as many channels will cover topics for a wide range of ages.



SCISHOW AND SCISHOW KIDS

www.youtube.com/user/scishow | www.youtube.com/user/scishowkids

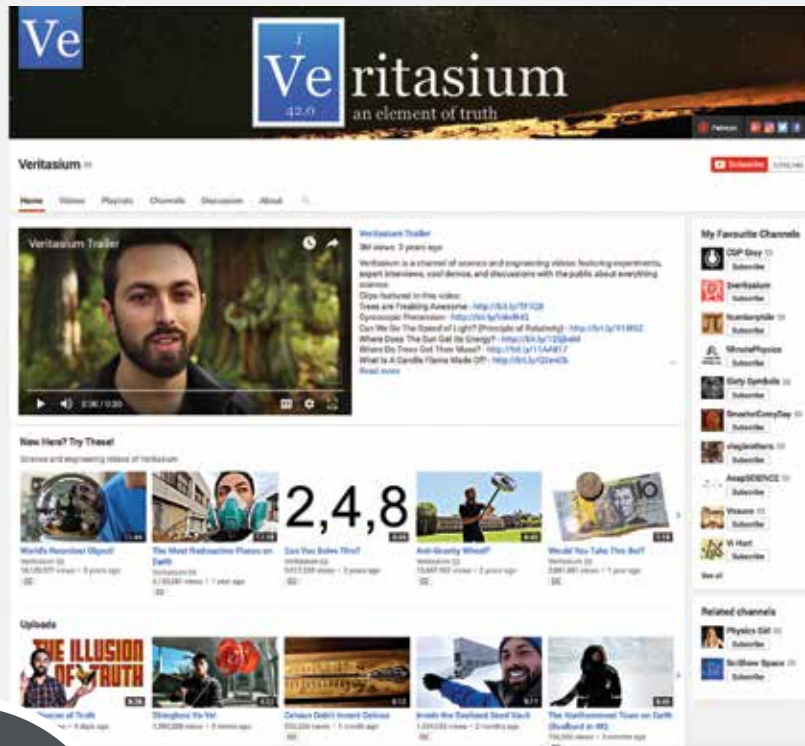
Engaging presenters delve into scientific subjects that defy our expectations and make us even more curious! What is Gluten? Do fish drink water? This show is filled with engaging answers to great questions that perk the curiosity.

VIDEO TO WATCH RIGHT NOW:

Why Does Toothpaste Make Everything Taste Bad

www.youtube.com/watch?v=WjeFW6Bda7s





VERITASIUM

www.youtube.com/user/1veritasium

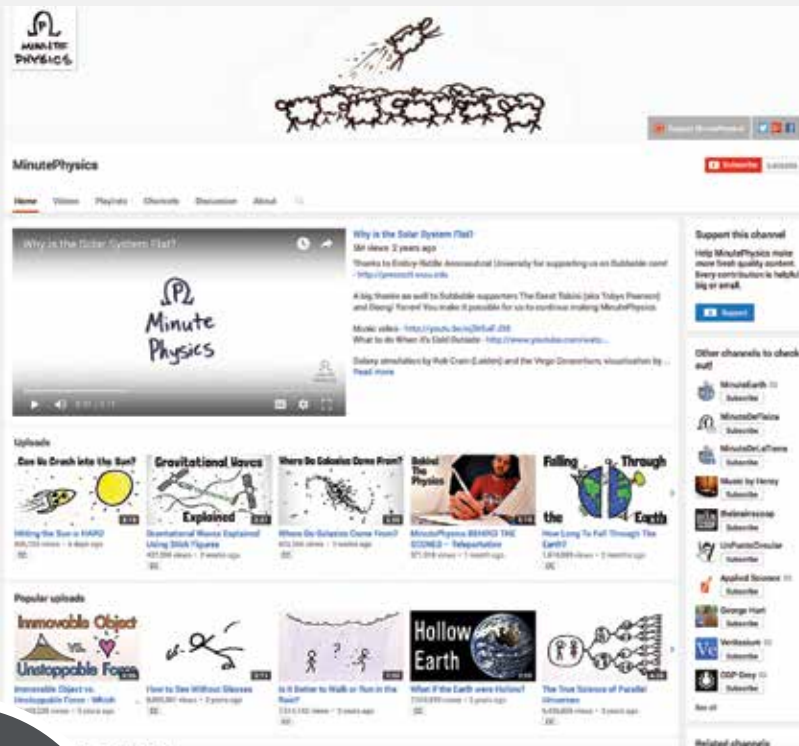
An element of truth, videos about fun science, and education. A channel that makes it easy to understand the wonders around us. Great for fun explanations of topical science questions.

VIDEO TO WATCH RIGHT NOW:

The Worlds Roundest Object

www.youtube.com/watch?v=ZMByI4s-D-Y





MINUTE PHYSICS

www.youtube.com/user/minutephysics

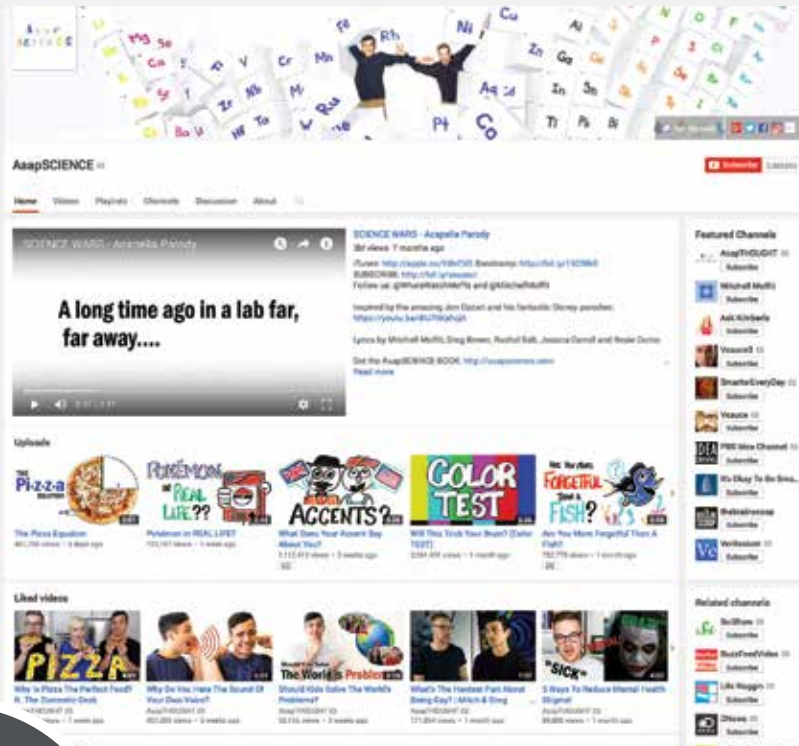
Complex science concepts simplified and taught using engaging easy to understand visuals. A great way for adults and young people alike to understand the complexities of physics.

VIDEO TO WATCH RIGHT NOW:

Is it Better to Walk or Run in the Rain?

www.youtube.com/watch?v=3MqYE2UuN24





ASAPSCIENCE

www.youtube.com/user/AsapSCIENCE

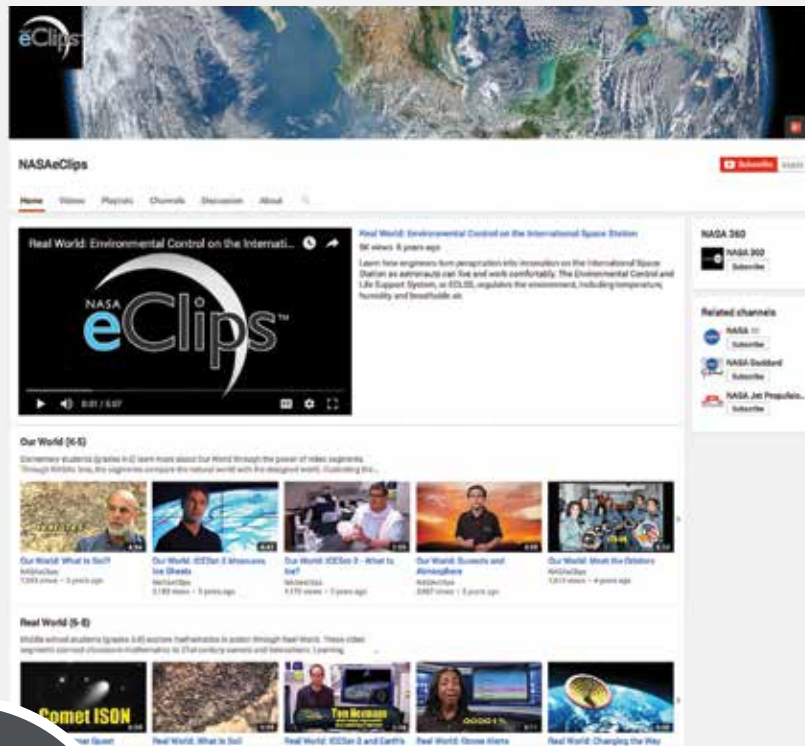
A weekly dose of dose of fun and interesting science information presented using stylized kinetic typography and drawings.

VIDEO TO WATCH RIGHT NOW:

Can Plants Think?

www.youtube.com/watch?v=u2GWd2j3qJ8





NASAeCLIPS

www.youtube.com/user/NASAeClips

Quality educational videos, with educator guides, that explore the real-world applications of science, technology, engineering and mathematics. Gorgeous videos that show STEM in action.

VIDEO TO WATCH RIGHT NOW:

Launchpad: Surface Tension On-Board
the International Space Station

www.youtube.com/watch?v=whukr452ZvY





REACTIONS

www.youtube.com/user/ACSReactions

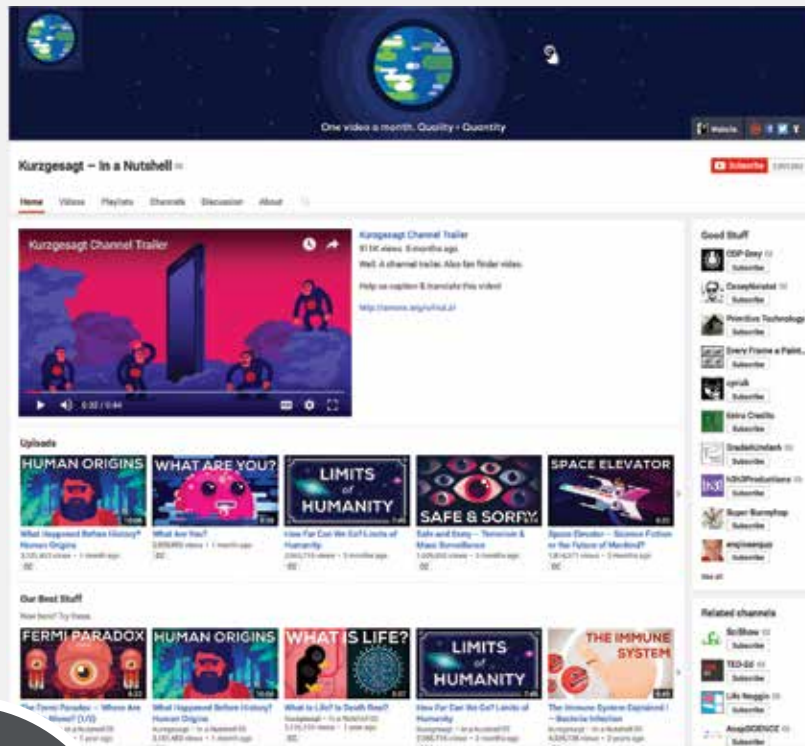
A cheeky look at the chemistry of everyday life from the American Chemical Society. Great science and experiments to try with youth.

VIDEO TO WATCH RIGHT NOW:

Why Are Hot Peppers Hot?
(And How Milk Helps)

www.youtube.com/watch?v=73yo5nJne6c





KURZGESAGT – IN A NUTSHELL

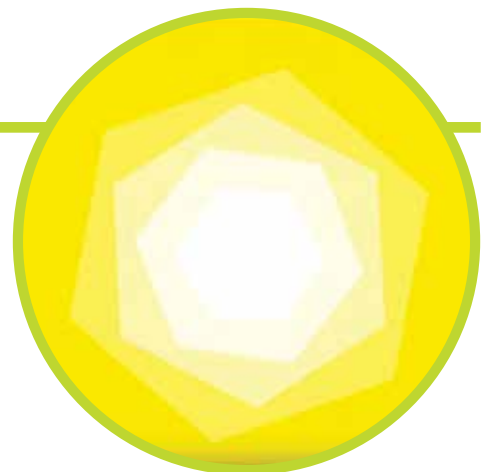
www.youtube.com/user/Kurzgesagt

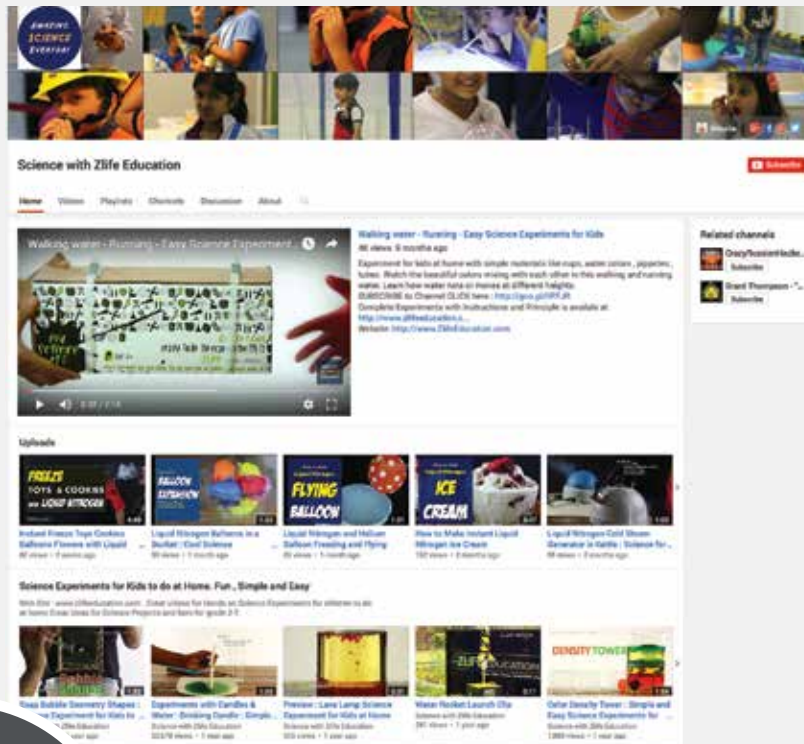
A team of artists, musicians, and journalists make gorgeous animated videos that explain complex topics like evolution, time, and space.

VIDEO TO WATCH RIGHT NOW:

What Is Light?

www.youtube.com/watch?v=IXxZRZxafEQ





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SCIENCE WITH ZLIFE EDUCATION

www.youtube.com/user/zlifeeducation

Great videos of simple science experiments that you can do will your young people using little or no equipment.

VIDEO TO WATCH RIGHT NOW:

Natural Indicator Colors with Red Cabbage - Kitchen Chemistry Box Experiment for Kids

www.youtube.com/watch?v=IRu-g5xe6bw



If you are still skeptical about the power of YouTube videos to stimulate STEM interest and critical thinking, **VISIT www.youtube.com/watch?v=UUteiWW3iwQ TO CHECK OUT OLIVER, YOUTUBE'S NEWEST STEM SUPERSTAR.**



How motivating would it be if you challenged your group of young people to research and design a STEM experiment to present on video?

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AfterSchool
ASSOCIATION