

## Module 01 Lesson 02

### Video: Why is Science Important?

#### Transcript

*[Visual: Title appears "Why is Science Important?"]*

*[Visual: Quotes appear "Science is boring." and "What is the point of this?"]*

Narrator says "The world is warming, the ice-caps are melting, the population is rising, obesity rates are on the rise, Swine-flu, HIV, Genetically modified organisms, pollution, carbon emissions, alternative energies. You don't need to look too far to be bombarded by technology, health, environmental, and moral issues that all over the media."

*[Visual: The following images appear while ominous music plays in the background:*

- *To represent warming: Earth from space*
- *To represent species extinct: Polar bear on small ice block*
- *To represent swine flu, HIV: someone with mask on*
- *To represent stem cells: newspaper headline*
- *To represent genetically modified organisms: corn or corn field (giant tomatoes?)*
- *To represent pollution & carbon emissions: smokestack, traffic jam on big highway*
- *To represent alternative energies: solar panels, wind turbine]*

Narrator says "We live in a technological world, and perhaps unbeknown to you, science is the central thread to most of the things that we take for granted in everyday life. Science lives beneath the surface of everything we touch and taste, it is the key to our prosperity, one of the driving forces of our economy."

*[Visual: The following images appear:*

- *cell phones (iPhone)*
- *manufacturing plant assembly line (autos)*
- *Fields of crops (corn, wheat, soybeans, etc.)]*

*[Visual: An image of Barack Obama appears with the following text: "Today, more than ever before, science holds the key to our survival as a planet and our security and prosperity as a nation." - President Barack Obama]*

Narrator says "However, while science is important, it is only through politicians and the voting public that science can really make a difference. So if you are interested in the world around you then having a basic understanding of the process of science will enable you to make wiser more informed decisions for yourself and ultimately for society at large."

*[Visual: The following images appear:*

- *Chamber of US Congress*
- *Protests outside capitol building*
- *Students in a lab*
- *Scientists at work]*

Narrator says "So science is not difficult or scary. Rather it gives understanding and with understanding comes power."

*[Visual: The following quote appears: "Science is nothing more than a refinement of everyday thinking." - Albert Einstein]*