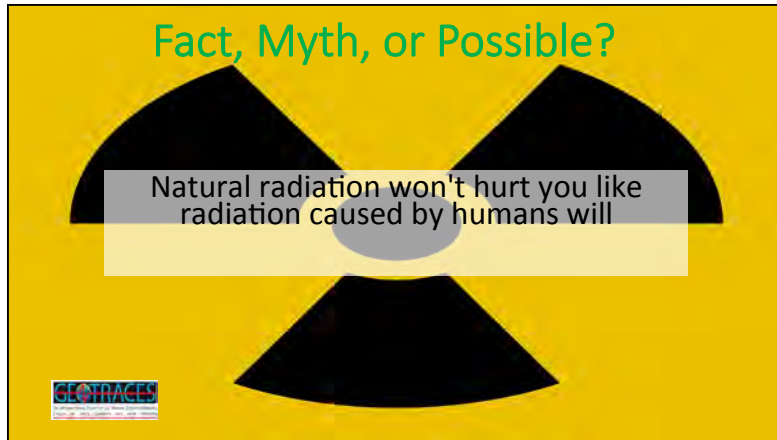



Score these sixteen cards as Fact, Myth or Possible. There is a separate answer key.

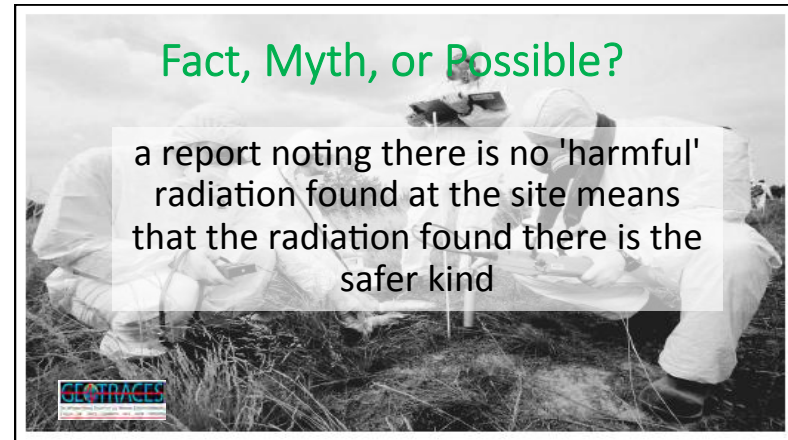
Fact, Myth, or Possible?




Natural radiation won't hurt you like radiation caused by humans will



Fact, Myth, or Possible?




a report noting there is no 'harmful' radiation found at the site means that the radiation found there is the safer kind



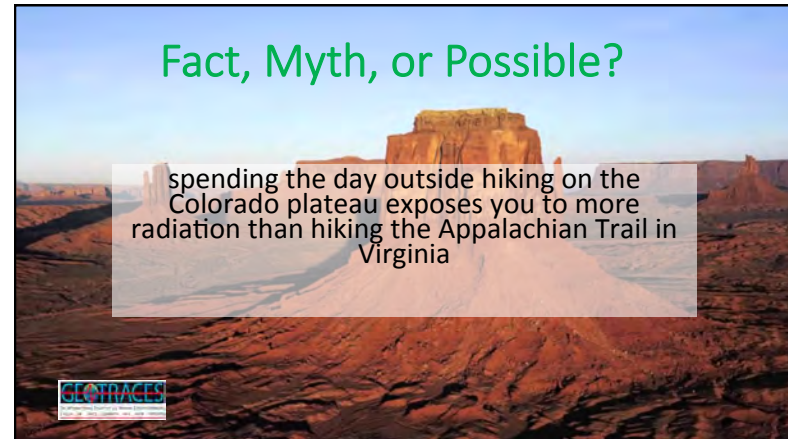
Fact, Myth, or Possible?




irradiating food to kill bacteria makes the food radioactive



Fact, Myth, or Possible?



spending the day outside hiking on the Colorado plateau exposes you to more radiation than hiking the Appalachian Trail in Virginia



Fact, Myth, or Possible?

Cat litter might end up being a pathway to contaminating our groundwater



A photograph of three kittens sitting in a green plastic litter box. The kittens are white with some orange and grey patches. The litter box is on a light-colored floor. A small logo for 'GEO TRACES' is visible in the bottom left corner of the image.

Fact, Myth, or Possible?

No granite countertops should be used in the kitchen since they emit dangerous amounts of radiation



A photograph of a kitchen countertop made of speckled granite. The countertop is dark brown with white and gold flecks. Below the countertop are dark wooden cabinets. A small logo for 'GEO TRACES' is visible in the bottom left corner of the image.

Fact, Myth, or Possible?

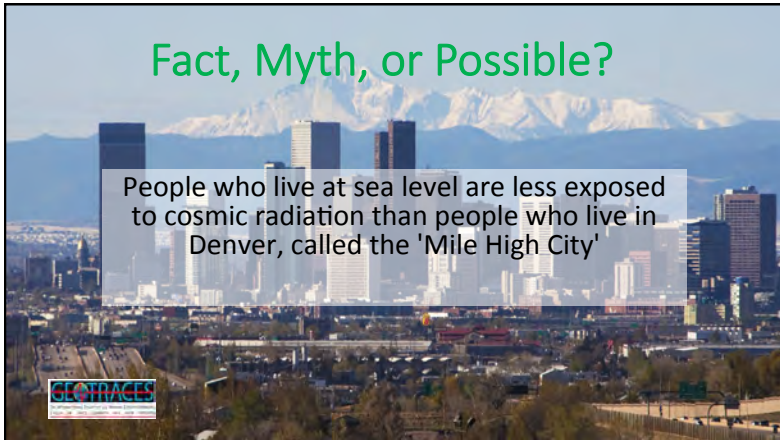
Bananas are radioactive



A photograph showing a large pile of ripe yellow bananas. The bananas are bright yellow with some green at the stems. A small logo for 'GEO TRACES' is visible in the bottom left corner of the image.

Fact, Myth, or Possible?

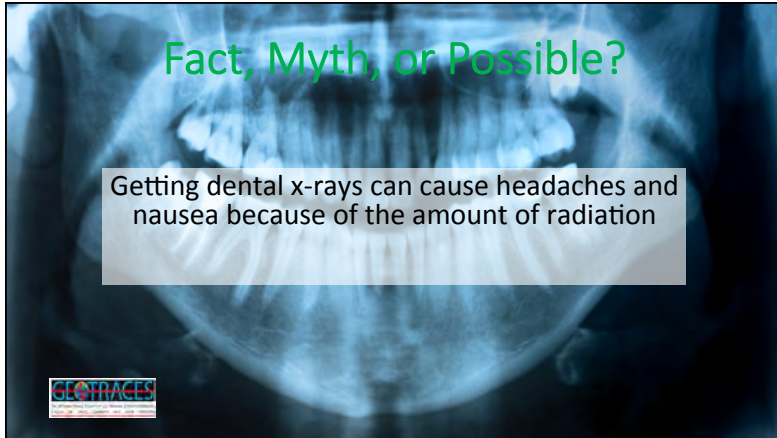
People who live at sea level are less exposed to cosmic radiation than people who live in Denver, called the 'Mile High City'



A photograph of the Denver skyline, showing several tall skyscrapers. In the background, there are snow-capped mountains under a clear blue sky. A small logo for 'GEO TRACES' is visible in the bottom left corner of the image.

Fact, Myth, or Possible?

Getting dental x-rays can cause headaches and nausea because of the amount of radiation

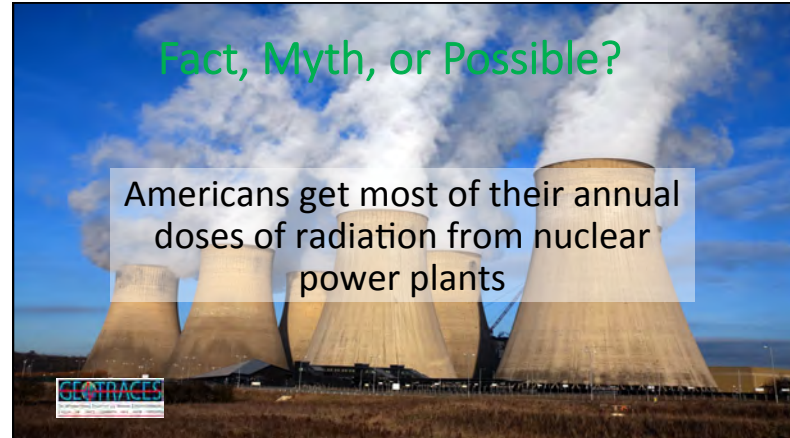


GEOTRACES

This slide features a blue-tinted dental x-ray of a human jaw. The text is overlaid on the image. A small logo for GEOTRACES is in the bottom left corner.

Fact, Myth, or Possible?

Americans get most of their annual doses of radiation from nuclear power plants

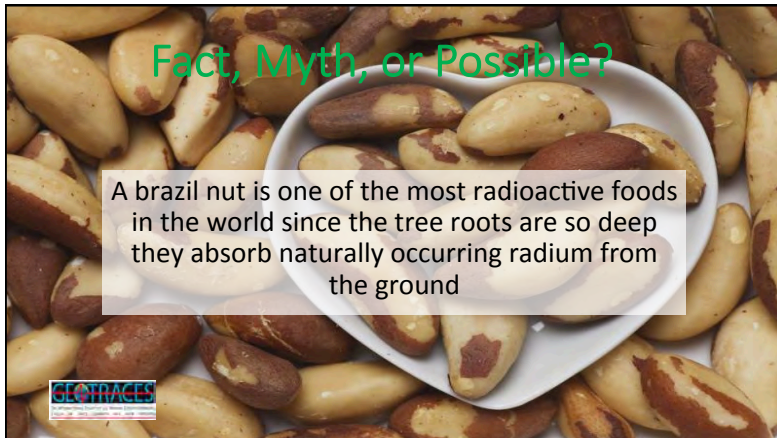


GEOTRACES

This slide shows a photograph of a nuclear power plant with several large cooling towers emitting white steam. The text is overlaid on the image. A small logo for GEOTRACES is in the bottom left corner.

Fact, Myth, or Possible?

A brazil nut is one of the most radioactive foods in the world since the tree roots are so deep they absorb naturally occurring radium from the ground

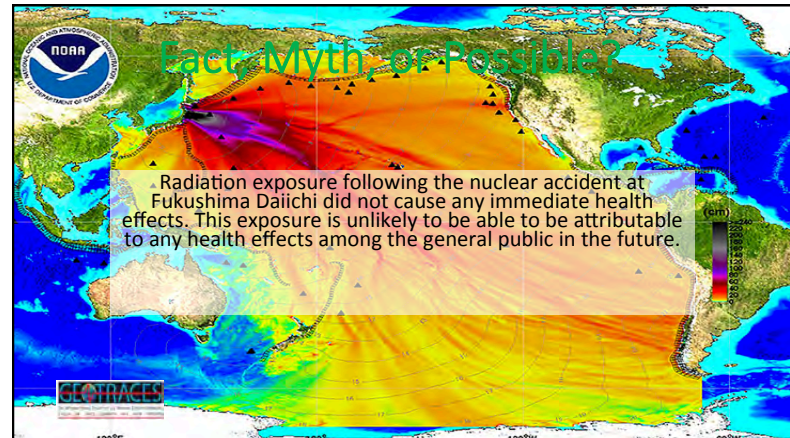


GEOTRACES

This slide shows a close-up of several Brazil nuts in a white bowl. The text is overlaid on the image. A small logo for GEOTRACES is in the bottom left corner.

Fact, Myth, or Possible?

Radiation exposure following the nuclear accident at Fukushima Daiichi did not cause any immediate health effects. This exposure is unlikely to be able to be attributable to any health effects among the general public in the future.



NOAA

GEOTRACES

This slide features a map of North America with a color-coded overlay representing radiation exposure levels. The map includes the NOAA logo in the top left and the GEOTRACES logo in the bottom left. A color scale on the right indicates exposure levels in (mSv). The text is overlaid on the map.

