

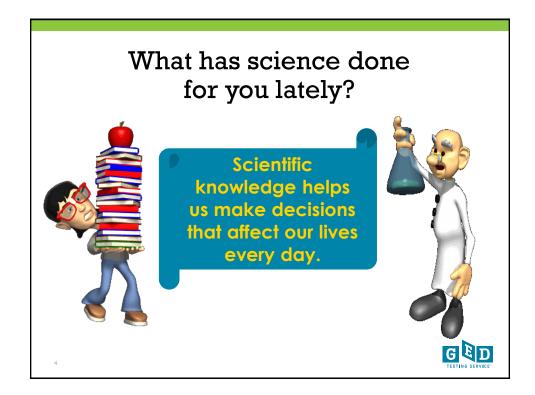


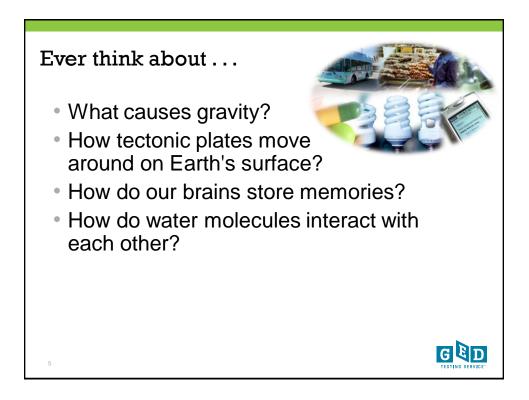
Session Objectives



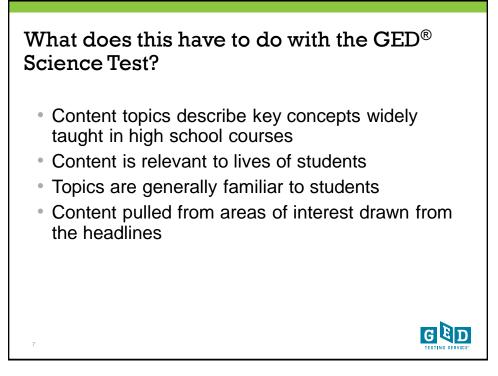
- Discuss science headlines in the news
- Connect real-world science to GED[®] science themes
- Identify strategies and activities to build scientific inquiry skills
- Share resources

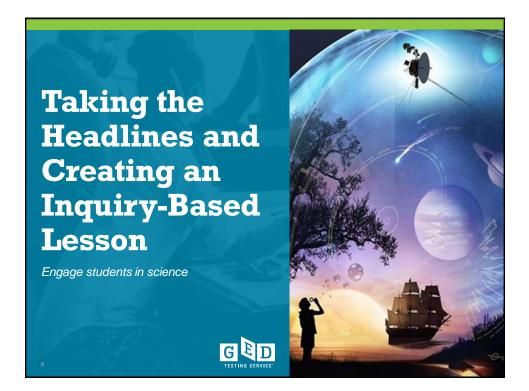






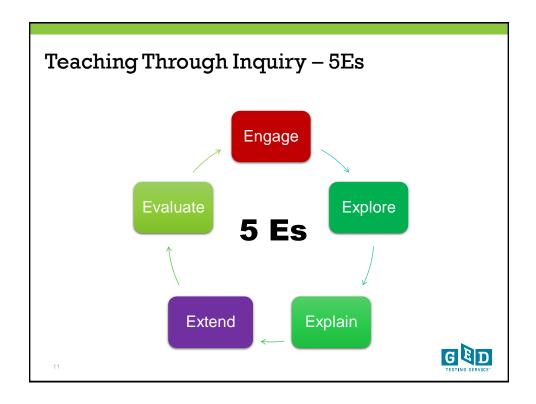


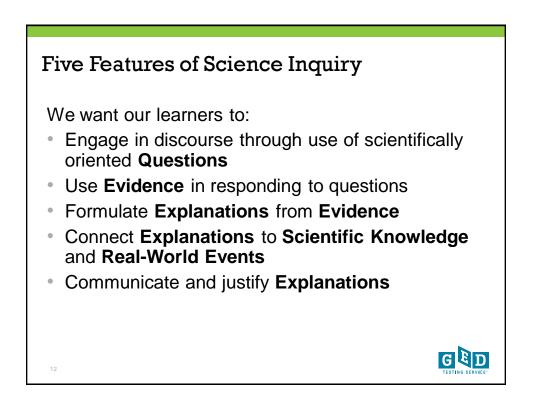


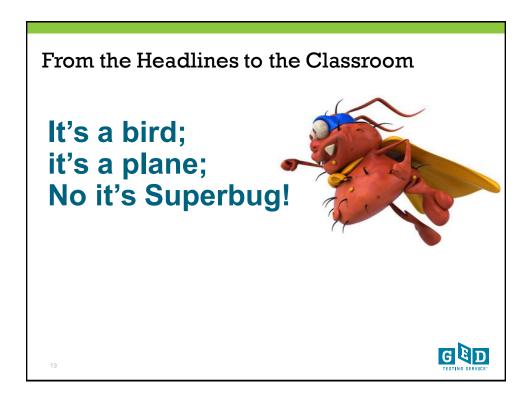


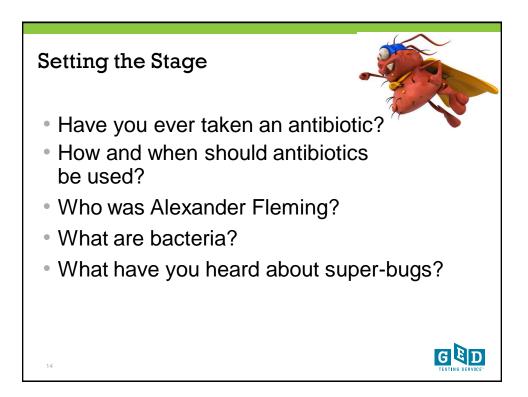
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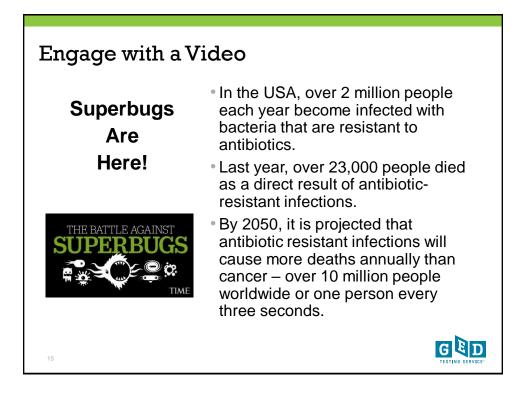
		Science Content Topics		
		Life Science (40%)	Physical Science (40%)	Earth & Space Science (20%)
Themes	Human Health and Living Systems	 Human body and health Organization of life Molecular basis for heredity Evolution 	Chemical properties and reactions related to human systems	 Interactions between Earth's systems and living things
Focusing	Energy and Related Systems	 Relationships between life functions and energy intake Energy flows in ecologic networks (ecosystems) 	 Conservation, transformation, and flow of energy Work, motion, and forces 	 Earth and its system components Structure and organization of the cosmos

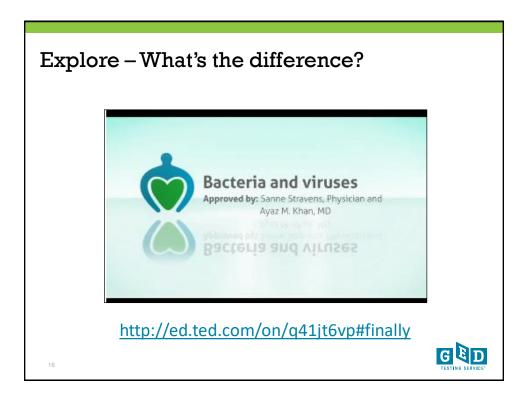


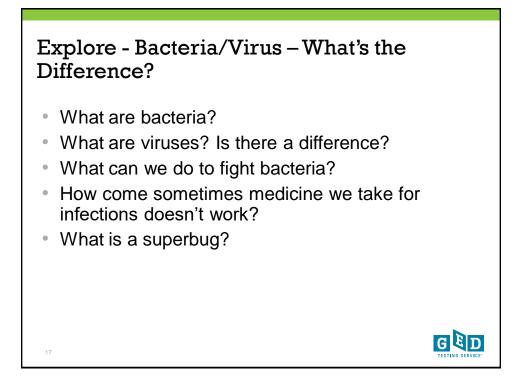


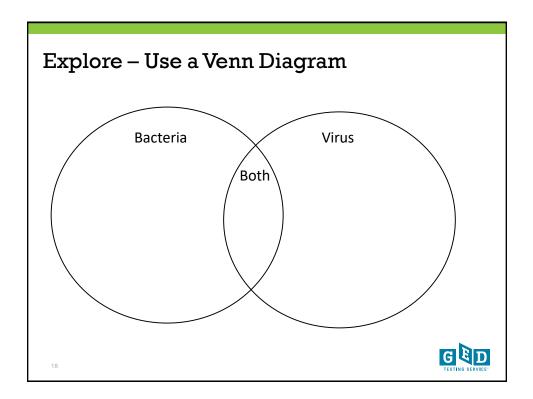












Explain – Who was Alexander Fleming?

Penicillin – Wonder drug or not?

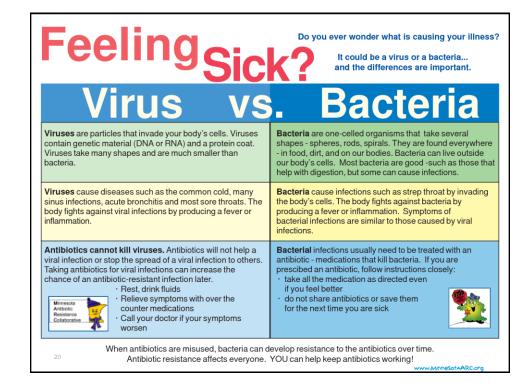


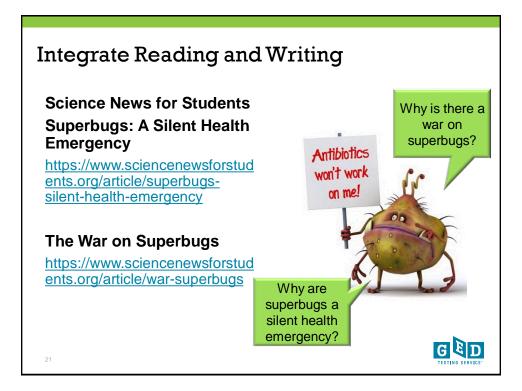
A Short Bio

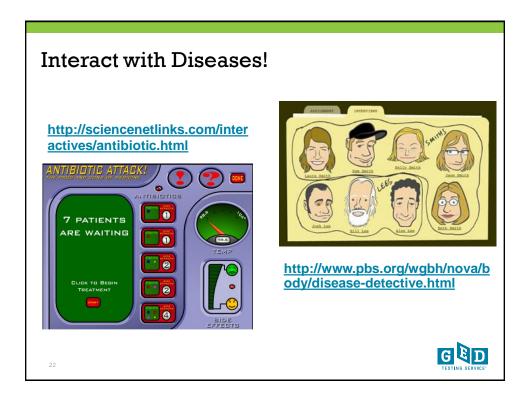
http://www.nobelprize.org/ nobel_prizes/medicine/lau reates/1945/flemingbio.html

http://www.bbc.co.uk/histo ry/historic_figures/fleming _____alexander.shtml

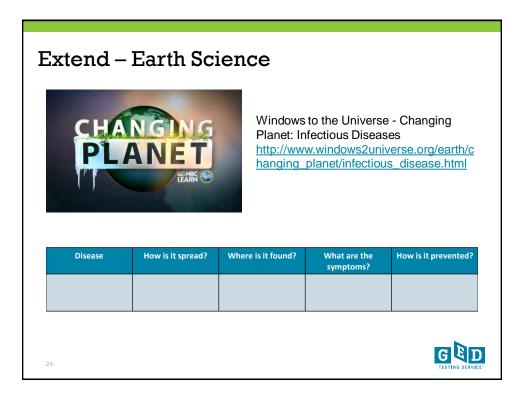


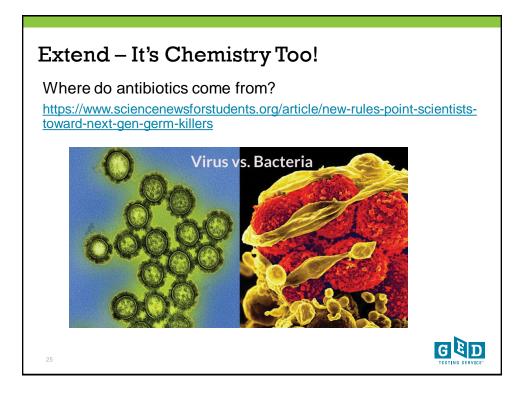


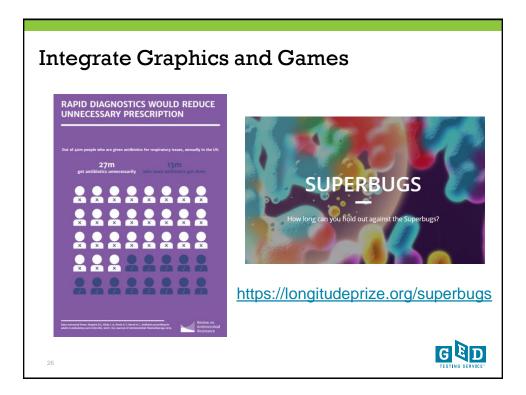


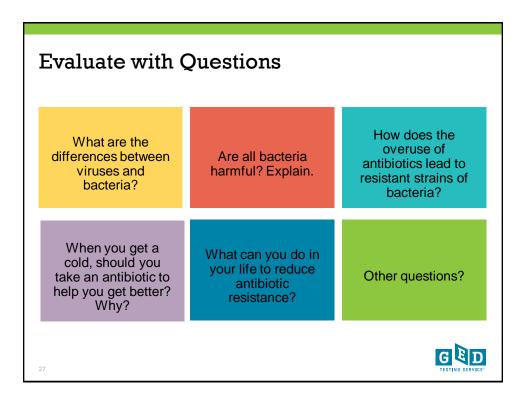


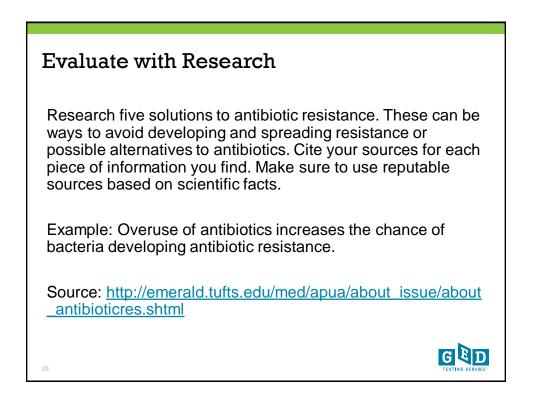


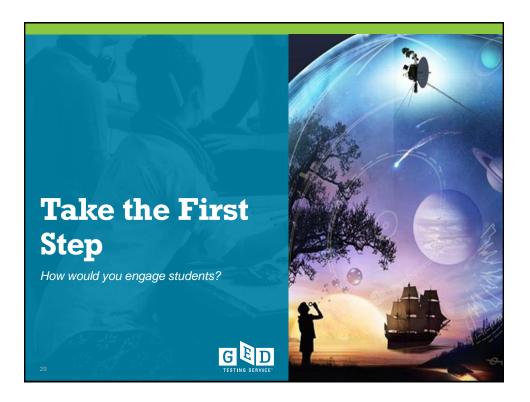






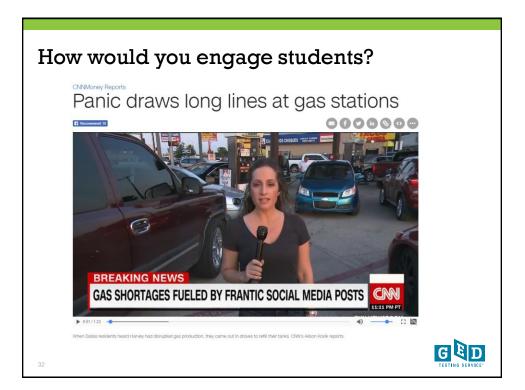


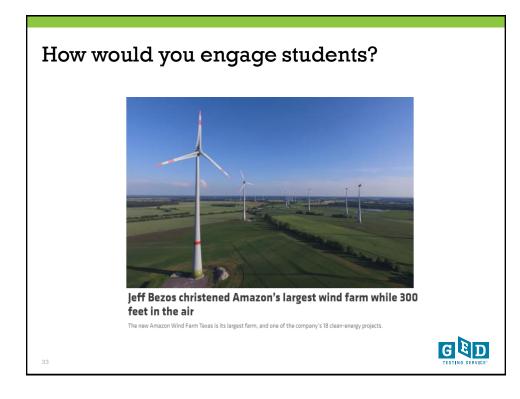


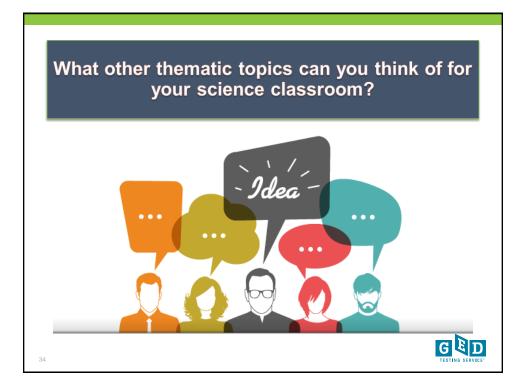


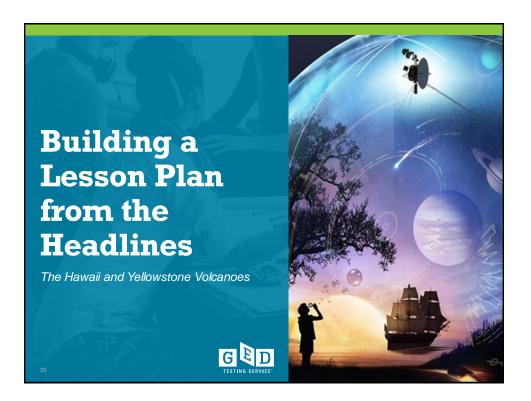












Engage - The Past is the Key to the Present

In the News!

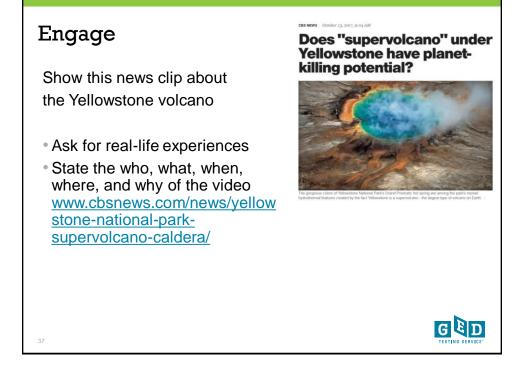
June 2018 - KILAUEA VOLCANO Show the clip "Kilauea Eruption"

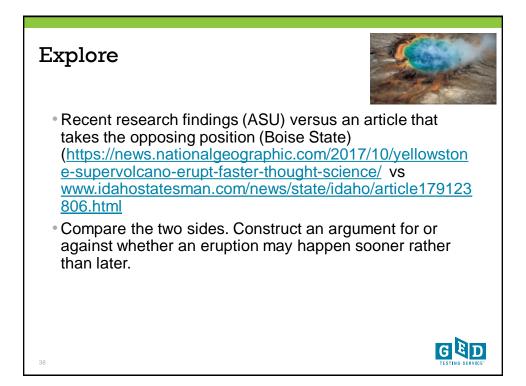


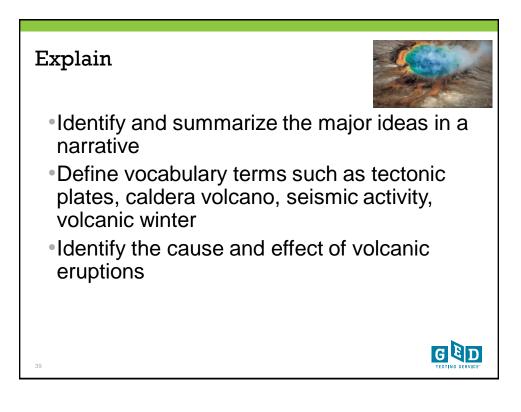
Ask students if they know of other volcanoes in the United States?

Could this type of eruption happen where they live? Why or why not?

What would you do to prepare for a volcano eruption?









Elaborate (extend)



Imagine what the impact would be of the estimated ejection of ash (estimated at 250,000 times that of the Mount St Helens eruption). What do you think the pros and cons are of the NASA solution? (www.nbcnews.com/mach/science/scientists-hatchbold-plan-save-planet-supervolcano-ncna799166)



Elaborate (extend)

Have students stay in touch with the latest on the Kilauea Volcano by accessing updates from: <u>https://volcanoes.usgs.gov/volcanoes/kilauea/status.html</u> https://volcanoes.usgs.gov/observatories/hvo/

Have students stay in touch with the latest on the Yellowstone Volcano by accessing updates, such as the following newscast from June 20, 2018:



https://www.cbsnews.com/news/yellowstones-steamboatgeyser-keeps-erupting-scientists-want-to-know-why/



