

RESOURCE LIST – SCIENCE PHENOMENA FOR VIRTUAL LEARNING

Links from Slides

- Mentimeter: menti.com/q5ynzihpbw
- Lesson 1: Feelin' the Phenomena: <https://learn.k20center.ou.edu/lesson/415>
- Lesson 2: Venom: From Lethal to Lifesaving: <https://learn.k20center.ou.edu/lesson/453>
- Virtual Tools:
 - <https://padlet.com/>
 - <https://keep.google.com/>
 - <https://www.desmos.com/>
 - <https://quizlet.com/>
- Middle School & High School (MS/HS) Phenomena Slides: <https://docs.google.com/presentation/d/1kaup2xfM2FEVQkK9ryBn85g0XIJ9MEmdXofulaBqJM/>

Resources for Implementing Virtual Phenomena

- Phenomena Template for Families: <https://docs.google.com/document/d/1rYKykwRFEDxwYDg7Pwr9uH5b4-4apC5X5pkvH1VUfwA/copy>
- Virtual Phenomena Ideas and Library: <https://www.ngssphenomena.com/teaching-with-phenomena>
- NSTA Distance Learning Resources: <https://www-nsta-org.ezproxy.lib.ou.edu/distance-learning>
- Penuel, W. R., & Bell, P. (March 2016). Practice Brief 28: Qualities of a Good Anchor Phenomenon for a Coherent Sequence of Science Lessons. <http://stemteachingtools.org/brief/28>

K20 Strategies for Implementing Virtual Phenomena

Collaborating

- Always, Sometimes, or Never True: <https://learn.k20center.ou.edu/strategy/145>
- Annotating Text: <https://learn.k20center.ou.edu/strategy/114>
- Chalk Talk: <https://learn.k20center.ou.edu/strategy/197>
- Collective Brain Dump: <https://learn.k20center.ou.edu/strategy/111>
- I Think/We Think: <https://learn.k20center.ou.edu/strategy/141>
- Three Sticky Notes: <https://learn.k20center.ou.edu/strategy/153>

Collecting and Using Evidence

- Annotating Text: <https://learn.k20center.ou.edu/strategy/114>
- How I Know It: <https://learn.k20center.ou.edu/strategy/144>
- Why-Lighting: <https://learn.k20center.ou.edu/strategy/128>

Developing and Assessing Understanding

- Card Sort: <https://learn.k20center.ou.edu/strategy/147>
- Concept Card Mapping: <https://learn.k20center.ou.edu/strategy/123>
- I Notice, I Wonder: <https://learn.k20center.ou.edu/strategy/180>
- I Used to Think... But Now I Know...: <https://learn.k20center.ou.edu/strategy/137>
- Six-Word Memoirs: <https://learn.k20center.ou.edu/strategy/75>
- Spend a Buck: <https://learn.k20center.ou.edu/strategy/154>
- Sticky Bars: <https://learn.k20center.ou.edu/strategy/129>
- Tell Me Everything: <https://learn.k20center.ou.edu/strategy/107>
- What? So What? Now What?: <https://learn.k20center.ou.edu/strategy/95>