

Charlotte's Web

Week 1- Farms

- What do we know about farms? What do we wonder about farms?
- Where does our food come from? Discuss farm to table. Eat/make pizza
Cow→ Milk→ Cheese
Wheat→ Flour → Crust
- Farm Anatomy book by Julia Rothman
- Make homemade butter <https://www.playdoughtoplato.com/how-to-make-butter-in-a-jar/>
- Tour Dairy Farm Video-
https://www.farmfood360.ca/en/dairyCowFarms/tieStall/index.html?utm_source=domain&utm_campaign=www.virtualfarmtours.ca&utm_medium=redirect
- Virtual Farm- <https://www.sites.ext.vt.edu/virtualfarm/main.html>
- Farm Life- https://www.youtube.com/watch?v= hoMMe_kRK0
- Documentary: The Biggest Little Farm
- Optional/extra ideas- Start a garden, pick your own fruit farm, backyard chickens, discuss organic & genetically modified foods,

Week 2- Pigs

- How to draw a pig lesson from Deep Space Sparkle:
<https://www.deepspacesparkle.com/how-to-draw-pig/>
- Pig Lapbook: https://www.homeschoolshare.com/pig_lapbook.php
- Pig Pen Challenge- design a pig pen w/ popsicle sticks. How to find area and perimeter.

Week 3- County Fair

- Ferris Wheel- Axel, frame, and history-
<https://teachersareterrific.com/2016/07/whats-going-on-in-lab-ferris-wheels.html>
- Book *Mr. Ferris and His Wheel* by Kathryn Davis
- Book companion & videos- https://stemhax.net/2020/03/ferris-wheel-stem?utm_medium=social&utm_source=pinterest&utm_campaign=tailwind_tribes&utm_content=tribes&utm_term=1007709324_45925042_110103
- Fair foods- corn dogs, pie <http://www.lindsayannbakes.com/2011/02/miniature-pies.html#more>
- History of county fairs-
<http://content.time.com/time/photogallery/0,29307,1916488,00.html>

Week 4- Spiders

- Spiders Kids Discover magazine
- Parachute Spider- construct a parachute for a spider that drops the slowest. How does drag, mass, weight, and gravity affect the drop?
- Spider Web Art- glue & salt art <https://teachbesideme.com/glue-and-salt-spiderweb-craft/>
- DK Spiders- <https://www.dkfindout.com/uk/animals-and-nature/arachnids/spiders/>
- Nature Journal- Take a walk or search in the backyard to observe spiders
- Research habitat, diet, body, eyes, exoskeleton, reproduction, prey vs predator, venom, self-defense (protection from predators), webs (design, strength, material), touch and hearing (vibrations). Did you know that spiders are found on every continent in the world except for Antarctica? Most spiders live 1-2 years but a female tarantula can live to be 25-years-old!
- San Diego Zoo Website- <https://animals.sandiegozoo.org/animals/spider>

Other

- Time period of the book. (It was written in the 1950s) Have kids analyze the cultural elements in the book- transportation, communication, entertainment- and discuss the time period in which they think it is set and why.
- Watch the movie