

STEAM in the Classroom

SCIENCE-TECHNOLOGY-ENGINEERING-AGRICULTURE-ART-MATH

HELPFUL BACTERIA

For this challenge/activity you will need:

- 1 can modeling clay
- large sponge
- scissors
- glue stick
- 5-6 pipe cleaners
- ping pong ball
- 10 ft. cotton twine

Directions:

For this STEAM Challenge, youth will visit the [4-H At Home Cow Digestion](#) web page and complete the following activities:

- Build Your Bacteria
- Have Fun With Fungi
- Pipe Cleaner Protozoa

Youth can then visit [The Amazing Cow](#) to investigate a virtual 3D model of a cow's digestive system.

Activity Source:

<https://4-h.org/about/4-h-at-home/beef-cattle-nutrition/cow-digestion/>

<http://www.3ddairy.co.nz/TheAmazingCow/index.html>

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