

Model a Belch **Information for the Teacher**

Correlations to Arkansas Science Frameworks grades 5-8:

NS.1.5.1 Make accurate observations

NS.1.5.5 Communicate results and conclusions from scientific inquiry

LS.4.5.8 Describe and diagram the carbon dioxide-oxygen cycle in ecosystems

NS.1.6.1 Verify accuracy of observations

NS.1.6.5 Communicate results and conclusions from scientific inquiry

LS.2.6.4 Model and explain the functions of animal organs:

- heart
- lung
- kidneys
- eyes
- ears
- skin
- teeth

LS.2.6.7 Describe the relationship between organ function and the following needs of cells:

- oxygen
- food
- water
- waste removal

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PS.5.6.7 Identify characteristics of chemical changes:

- burning
- production of a new substance
- production of light
- color change
- endothermic and exothermic reactions
- reactivity

NS.1.7.1 Interpret evidence based on observations

LS.2.7.8 Investigate functions of human body systems

NS.1.7.5 Communicate results and conclusions from scientific inquiry

NS.1.8.1 Justify conclusions based on appropriate and unbiased observations

Internet resources:

Lessons and Background:

<http://www.answers.com/topic/flatulence-1>

http://www.scienceyear.com/about_sy/index.html?page=/about_sy/news/ps_51-75/ps_issue71.html

Interactive websites/video clips:

<http://yucky.kids.discovery.com/flash/body/yuckystuff/belch/js.index.html>

<http://www.kidshealth.org/kid/body/mybody.html>

Books:

Hamilton, Morse, *Belching Hill*. 1997.

In this lively retelling of a Japanese folktale, an old woman lives peacefully on a high hill — until the day her rice dumpling slips from her hand and is claimed by a hungry ogre that lives inside her hill with a horde of other (all equally hungry) ogres. "Dump-lings! Dump-lings!" they chant as they crowd around her. The old woman can't outrun her ravenous captors, but can she outwit them?

Myers, Bill. *My Life as a Belching Baboon with Bad Breath (The Incredible Worlds of Wally McDoogle)*.

Wally's got a bad case of the I WANTS! All his friends have way cooler stuff than he does, and he hates it. Even his prayers have turned into, Dear God, gimmie, gimmie, gimmie, oh yeah, and gimmie some more . . . Until Dad drags him along on some aid project to Africa . . . Until Wally gets majorly lost in the wilderness . . . Until he's attacked by hiccupping hippos, rampaging rhinos, and a herd of baboons who have some pretty weird eating habits . . . Until he meets a boy his age who shows him what really counts in life and the key to real happiness.

Yolen, Jane. *How Do Dinosaurs Eat Their Food?*

How does a dinosaur eat all his food? Does he burp, does he belch, or make noises quite rude? Does he pick at his cereal, throw down his cup, hoping to make someone else pick it up? Just like kids, dinosaurs have a difficult time learning to behave at the table. However, with a little help from Mom and Dad, these young dinosaurs eat all before them with smiles and goodwill. As in their previous books, Yolen and Teague capture children's rambunctious natures with playful read-aloud verse and wonderfully amusing pictures.

Kopelke, Lisa. *Excuse Me!*

A comedy of manners starring Frog, who loves to burp, but who finds that not everybody feels the same way...