

Fact or Fiction: Mythbusting with Online Simulations

CATCA
February 2026



What are Gizmos?

- Preview examples of AB-aligned Gizmos

Lesson Model

- CER Approach and Scientific Literacy
- Implementation ideas

Practice

- Review supporting resources
- Explore Gizmos

Session Objectives



Procedures Scientists Use to Investigate Phenomena



Asking Questions and Predicting



Planning and Initiating the Investigation



Observing and Recording Data



Analyzing Data



Reaching Conclusions



Discussing Observations and Conclusions



CER

The CER Framework



CLAIM

Statement that answers the question and is based on evidence



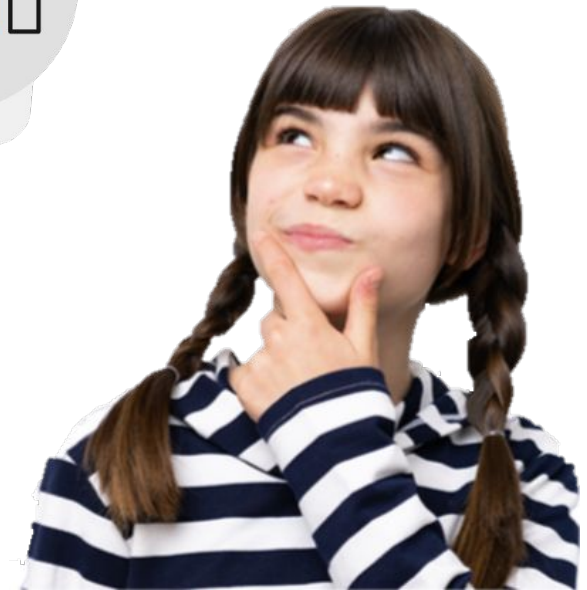
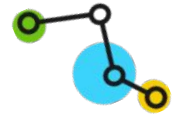
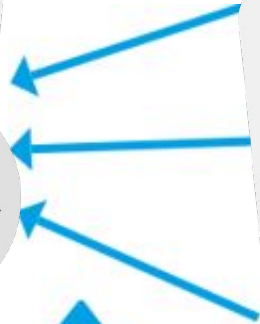
EVIDENCE

Scientific data that supports a claim



REASONING


Scientific principles that connect claim to evidence







Lesson Model


Digestive System

Mouth/pharynx
The mouth contains teeth, which start mechanical digestion by cutting and grinding food into small pieces. The tongue helps to push food back into the throat, or pharynx.


Tools 

Clear screen



LARGE ORGANS SMALL ORGANS FOOD ANALYSIS



Nutrition Facts: Apple Serving size: 223 g Calories: 118

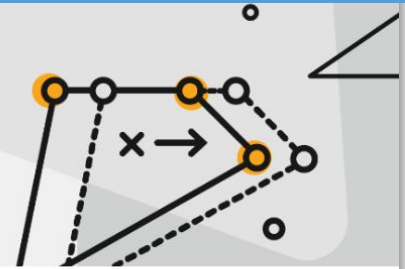
Total carbohydrates:	31 g (114 Cal)	Fat:	0 g (0 Cal)
Sugars:	23 g (92 Cal)	Protein:	1 g (4 Cal)
Fiber:	5 g (10 Cal)	Water:	191 g

Alberta EL Gizmos Site

bit.ly/AlbertaGizmos

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Resources

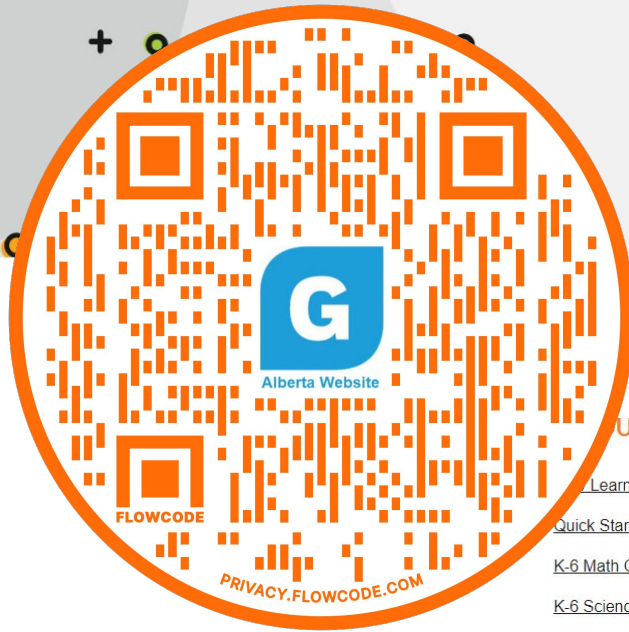
RESOURCES IN ENGLISH

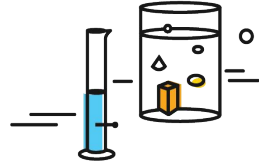
- [New LearnAlberta](#)
- [Quick Start Guide](#)
- [K-6 Math Gizmos Alignments with Curriculum](#)
- [K-6 Science Gizmos Alignments with Curriculum](#)
- [Frequently Asked Questions](#)



RESSOURCES EN FRANÇAIS

- [New LearnAlberta](#)
- [Guide de démarrage](#)
- [M-6 Corrélation des Gizmos avec le Curriculum de math](#)
- [M-6 Corrélation des Gizmos avec le Curriculum de sciences](#)
- [Foire aux Questions](#)





For your complimentary account and additional information about Gizmos:



<https://tinyurl.com/Gizmos2026ATA>

Contact Information



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