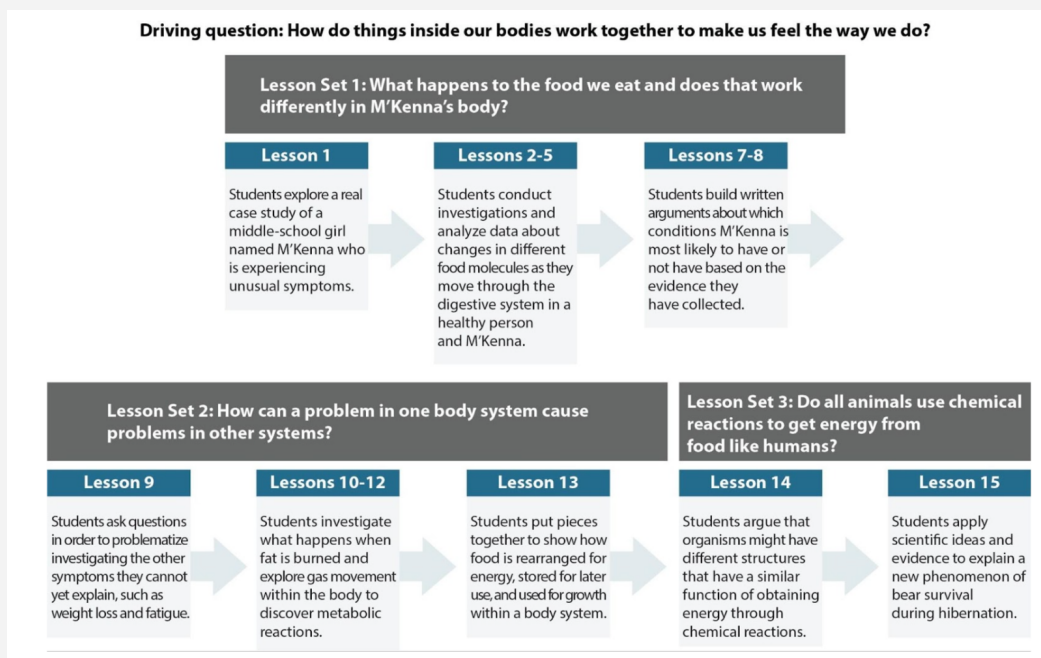


7.3 Metabolic Reactions

Unit Structure



Before Teaching the Unit



Watch the unit webinar.



Read the unit storyline.



Join the Facebook Group for the unit.



Review the Assessment System Overview in the Unit Overview to complete the Grading Planning Tool for the unit.



Review the Unit Overview, Material List and Lesson Teacher Edition to check for the required materials and supplies necessary for the unit. Take note of these unit-specific items related to materials:

- Lesson 3 is a hands on investigation that requires some advanced materials preparation. Try this investigation first before trying with students. Facebook pro-tips suggest creating a larger model of the dialysis tubing out of wax paper and yarn to show students how they will tie and set it up!
- Lesson 5 has advanced materials preparation for amylase solution and food molecules. It is important to set up and test the experiment in advance of class.

- L7 is putting the pieces together for the first half of the unit and prepares students for their mid-unit assessment. Consider using the discussion planning tool for the See the teacher's guide for more specifics.
- Lesson 10 has advanced materials preparation for amylase solution and food molecules. It is important to set up and test the experiment in advance of class.

While Teaching the Unit

- Watch teacher set-up videos for investigations.
- Keeping a running record of class discoveries and investigations throughout the unit to help absent students catch up and as a reference for future years. Approaches could include a teacher version of a student notebook, or a running shared Google document.
- Organize handouts and digital materials as you go for future use.

After Teaching the Unit

- Make notes of future revisions, modifications.
- Take pictures of posters, consensus models and exemplary student work.
- Survey students at end of unit for feedback and self-reflection.

Unit Fast Facts for Planning

Unit Length	15 Lessons, 29 Days
Lessons with Hands-On Investigations	3, 5, 10, 11, 12
Lessons Requiring Student Devices	2, 8

Lessons that Require In-Advance Material Preparation	3, 5, 10, 11, 12
Lessons with Mid-Point or Summative Assessment Moments	8, 15