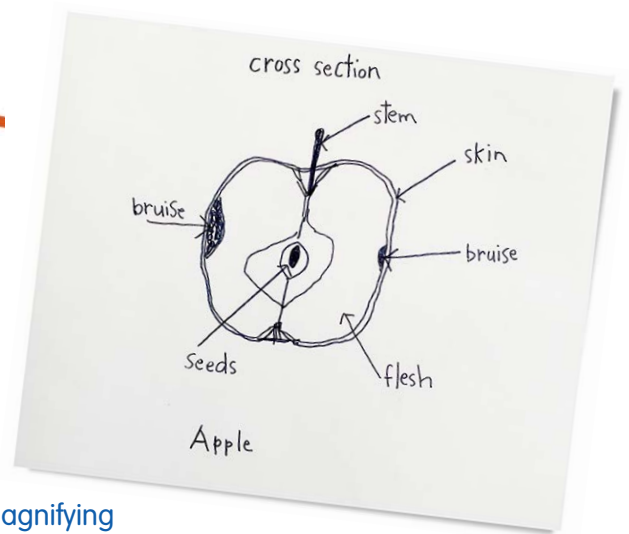


# WHAT'S INSIDE?

A **CROSS SECTION** is a diagram that shows what something looks like on the inside. It helps you understand how it works. To make a cross section you first cut the object in half. Then you look carefully at all the details and draw what you see.



**CREATE** a cross section diagram of a fruit or vegetable. Draw what you see and then use a magnifying glass to look closer. Label the diagram.



**PRESENT** your diagram to a small group of your peers. Talk about what you saw when you looked at the cross section of your object. Compare diagrams to see how they are similar and how they are different. Explain what you learned about the inside and outside of your object.



**RESPOND** to your classmate's diagram. What did they do that makes the diagram helpful? What did they observe that you did not? What did you learn about their object that you didn't know before? How did using a magnifying glass change what they saw?



**CONNECT** how you drew the cross section diagram with a time when someone cut a fruit in half for you to eat. How was drawing a diagram of what you saw different than simply eating a piece of fruit? What did you learn about the structure of the fruit by drawing it?