



What's the Matter with My Orange?
Background Information



Needs of Living Things

Living things need the following to grow and reproduce:

space
water
energy
air

Combine these four with **time** and you have a great acronym--SWEAT.

How does it relate to this activity?

The sealed containers provide an environment that allows living things to grow and reproduce. The *energy* and *water* stored in the orange combined with the *air* and *space* in the jar allow for the growth of fungi (such as yeast) and bacteria over *time*.

Did you know?

Air provides different needs for different living things. While animals use oxygen from the air, plants use carbon dioxide from the air. Some bacteria even use nitrogen from the air!