

Simulating digestion in the stomach

- *Question:* How does the stomach digest the food we eat?
- *Hypothesis:* It uses fats/ acids/
- *Conducting experiments:*

Materials: fruit, baggies and fats (sunflower or olive oil) for experiment 1, and acids (lemon juice or vinegar) for experiment 2

Experiment1: put the fruit in the baggie and soak in sunflower oil or olive oil.

Experiment 2: put the fruit in the baggie and soak in lemon juice or vinegar.



- *Observation:* students keep track of their observations making use of the observation table.
- *Conclusion:* students make conclusions based on their observations in the 2 experiments.

The expected result is that the fruit (food, in general) soaked in lemon juice decomposed (was digested), and this how the stomach digests the food we eat using stomach acid.

OBSERVATIONS

Day 1

Day 2

Day 3

Conclusions
