



Enrichment Homework

Autumn 1



Year Group: 8

Subject: Science

Link to learning: This half term Year 8 are studying breathing and respiration. In this they will be looking at gaseous exchange systems and how our lungs work to enable us to inhale oxygen and exhale carbon dioxide.

Your task: To explore the inhalation/exhalation process that occurs in the lungs during respiration. Using everyday materials, pupils create a model pair of lungs.

Step by step instructions of how to do this investigation can be found in this link:
https://www.teachengineering.org/activities/view/cub_human_lesson09_activity1

Expectations:

- A written method of the investigation with photos taken at each step.
- Summary of how this model relates to human lungs.
- Well presented and neatly written in pen, or typed up in size 14 font.

Due date:
Monday 17th
October 2022