

BIOLOGY

TUBE

Brief summary of activity:

In this activity the user has to display their knowledge of the different systems within the body. This is done by connecting small circles - representing organs of the body - in a specifically defined way. The user's systems are then tested by a range of scenarios to see if they are correct.

Specific Curriculum Area:

Year 9 - Unit 9B: Fit and healthy, Section 2: b. What do we mean by fit?

Assessment method:

A screendump of the finished system could be printed and given to the teacher.

Differentiation:

There is no apparent differentiation within this task.

Learning objectives:

Children should learn: that the utilisation of energy by the body depends on several body systems

Use of Activity in a lesson:

This task could be set as a homework activity, assuming Internet access is possible. Alternatively, the teacher could demonstrate the task to the class (via an Interactive Whiteboard).

Hints and tips for teachers:

1. Tell pupils not to get frustrated if they do not succeed until having had many attempts—encourage trial and error.

URL:

Tubes

Now trace the respiratory system. The respiratory system is centred on the lungs. Click on the body parts that the airways need to be connected to, then click 'Done' when you're finished.

If you want to go back to a previous stage at any time, then click on 'Back'

Click here when you think you are finished

Done

Back

Score

Score: 0

Small circles denote organs

Mouth

Nose

Eyes

Brain

Ears

Lungs

Heart

Liver

Muscles

Stomach

Kidneys

Small Intestine

Large Intestine

Line connects organs together—different colours denote different systems

Troubleshooting:

Other links:

http://www.standards.dfes.gov.uk/schemes2/secondary_science/sci09b/09bq1b