Bodyworks KS2

Duration: 1 hour, max capacity: 30 students
An exciting workshop where students learn more about the insides and outsides of their own amazing bodies, use digital microscopes, diagnose broken bones with real x-rays, and turn their classmates inside out!

Key Words:
Human body. Organs. Microscopes. Investigation. X-rays. MRI.

Learning objectives
Promote an interest in human biology and how the body works.
Identify some key human organs and their functions.
Handle and use a digital microscope to make observations.
Examine real x-rays and identify the bones of the human skeleton (including broken and fractured bones).
Understand how equipment and techniques (such as x-rays, MRI scans and microscopes) can help us learn about the human body.
Place organs in the correct place on an “organ tunic”.

Content
Examine features of the human body, such as skin, teeth, ears and nose with a digital microscope.
Discuss the functions of the different parts of the human body – tissues, organs and bones.
Identify and name the bones of the human skeleton, including where bones are broken.
Investigate the features of the human body that can be seen using an MRI scan.
Label the organs of the human body with their names and functions.
Identify the correct place for each organ on a model of a human body.

Curriculum Links:
Year 3: Animals, including humans Identify that humans and some other animals have skeletons and muscles for support, protection and movement
Year 4: Animals, including humans Describe the simple functions of the basic parts of the digestive system in humans
Year 6: Animals, including humans Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood

Potential Hazards
No particular hazards.