

IT'S ALIVE

Learn about bones and joints and even make your own polymer putty when we explore the properties of skin and organs!



SUMMARY:

Students experiment to understand the human body systems and how they are essential for life, protection, movement and support.

EDUCATIONAL VALUE:

In this class, children learn about the major body systems in the human body. They will simulate moving bones and joints, see how a lung works, and look at muscle functions. Students will identify the different systems in the body including the skeletal, muscular, nervous and digestive systems. They will look at the different bones in the skeletal system. Students will also learn the basic function of skin and discuss polymers.

TAKE-HOME MESSAGE:

- 1 Different bones and joints move in different ways.
- 2 Muscles are needed to move bones and pump blood.
- 3 Skin is necessary for protection and for the body to remain healthy.

TAKE-HOME PRODUCT:

Mad Science® Robot Hand

North Carolina Essential Standards:

Understand human body systems and how they are essential for life: protection, movement and support.

- 3.L.1.1 Compare the different functions of the skeletal and muscular system.
- 3.L.1.2 Explain why skin is necessary for protection and for the body to remain healthy.

