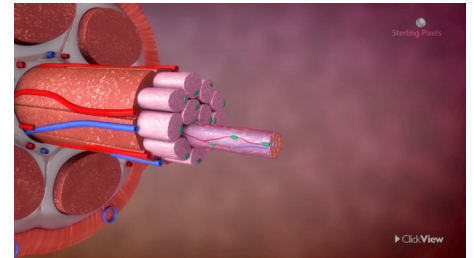




# Biology

Stills from our new series



## The Body and Its Movements

This series looks at the skeletal system, its functions, and how the different joints we have enable us to move in various ways.



### Functions of the Human Skeletal System

This programme will help students understand the functions of the human skeleton. Students will learn how to explain the various functions of the human skeleton, describe how bones support and protect important organs of the human body, show how bones help in the movement of the body, and explain how bones are capable of forming new blood cells.

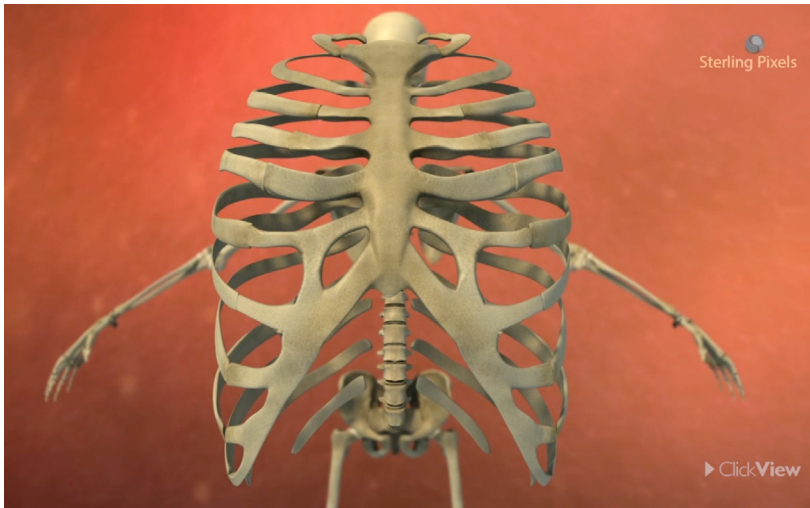
**Mid Secondary - Snr Secondary**

#### Additional Resources

- Teacher Notes

2014 | 5 min | CC | AR





## The Human Skeleton: Rib Cage, Limbs and Girdles

In this video, students will learn to identify and describe the features and bones that make up the rib cage, limbs, and girdles in the human skeletal system.

**Mid Secondary - Snr Secondary**

### Additional Resources

- Teacher Notes

2014 | 6 min | CC | AR

## Tissues: The Building Blocks of Life

Students are introduced to the various kinds of tissues that exist in plants and animals, and learn how these enable them to function in different ways.



## Complex Permanent Tissue: Phloem and Xylem

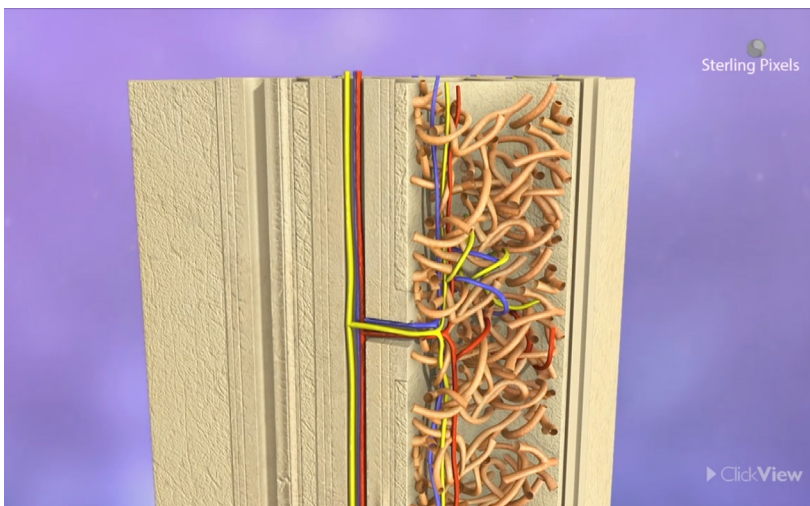
In this programme, students will learn about the structures and functions of two of the complex permanent tissues that occur in plants—phloem and xylem.

**Mid Secondary - Snr Secondary**

### Additional Resources

- Teacher Notes

2014 | 8 min | CC | AR



## Connective Tissue: Bone and Cartilage

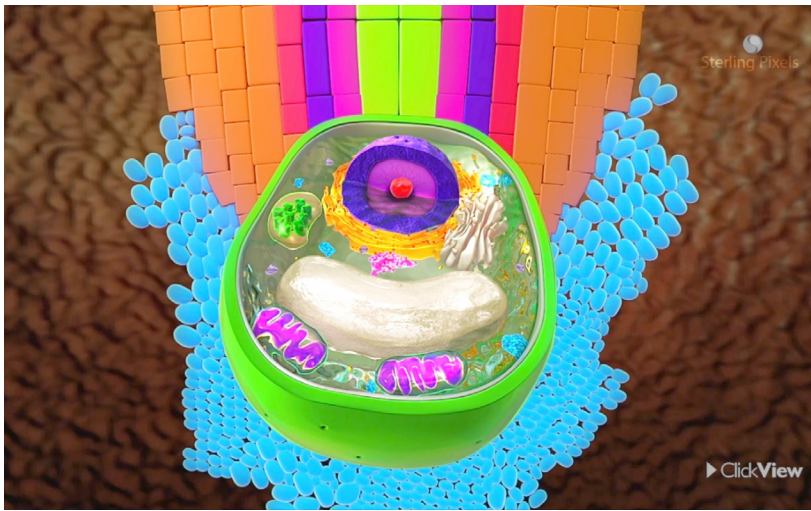
From this video, students will learn of the structure and functions of bone and cartilage, and the functions of areolar and adipose tissues.

**Mid Secondary**

### Additional Resources

- Teacher Notes

2013 | 5 min | CC | AR



## Meristematic Tissue

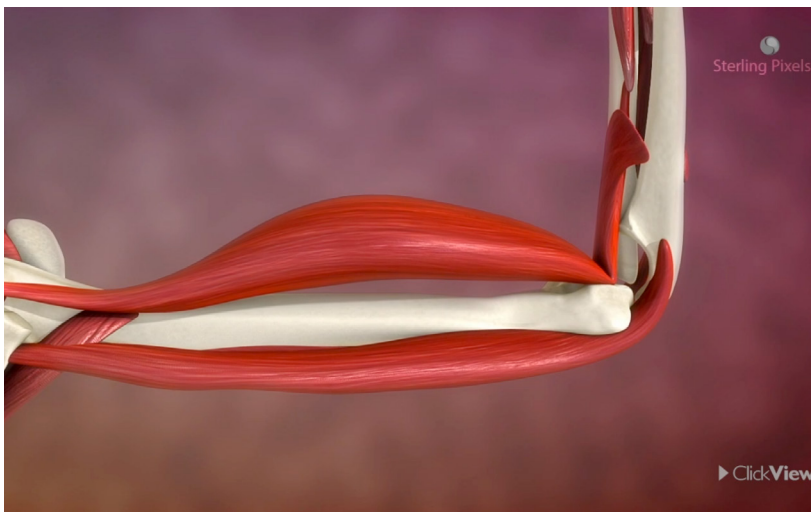
This video will give students an understanding of the structure, location, and function of the different meristematic tissue in plants.

**Mid Secondary - Snr Secondary**

### Additional Resources

- Teacher Notes

2014 | 6 min | CC | AR



## Muscular Tissue

This video introduces students to the different types of muscles, including voluntary, involuntary, and cardiac muscles.

**Mid Secondary - Snr Secondary**

### Additional Resources

- Teacher Notes

2014 | 4 min | CC | AR



## Nervous Tissue

Nerve cells and neurons can't work without each other. In this video, students will learn and understand the structure of the neuron.

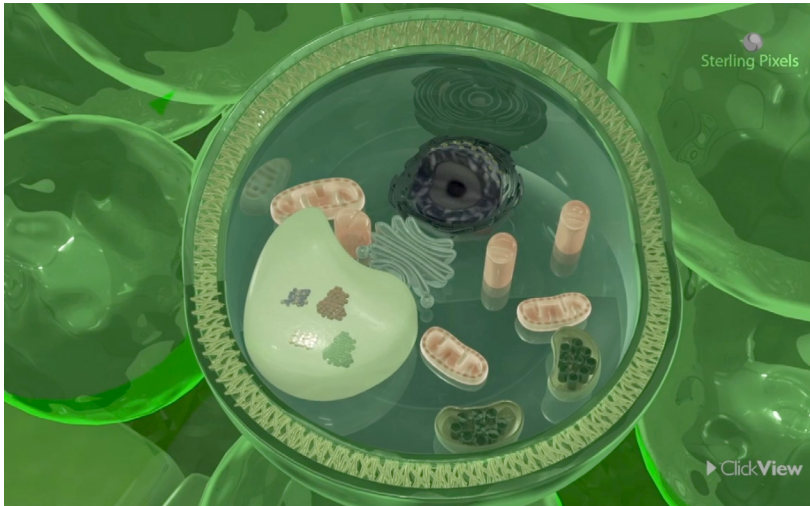
**Mid Secondary - Snr Secondary**

### Additional Resources

- Teacher Notes

2015 | 4 min | CC | AR





## Simple Permanent Tissue

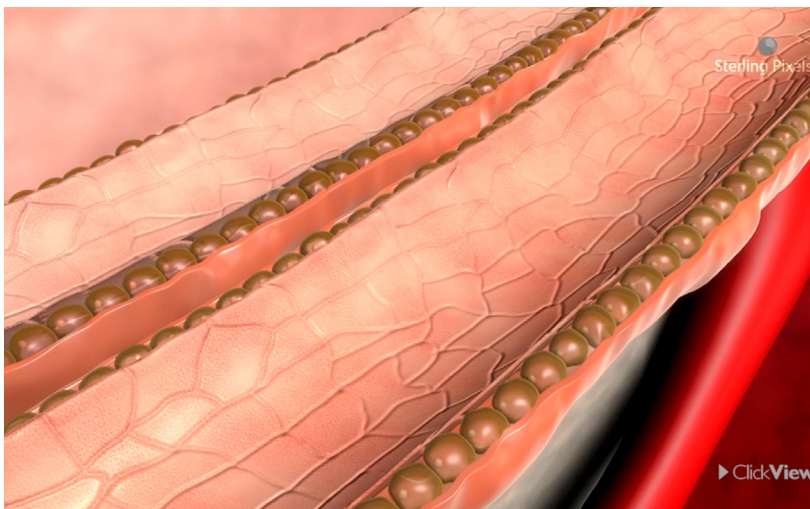
This video will assist students in understanding the function, occurrence, and structure of simple permanent tissues in plants.

**Mid Secondary - Snr Secondary**

### Additional Resources

- Teacher Notes

2015 | 5 min | CC | AR



## Squamous and Cuboidal Epithelial Tissues

This programme will assist students' learning of the structure and function of squamous and cuboidal epithelial tissues.

**Mid Secondary - Snr Secondary**

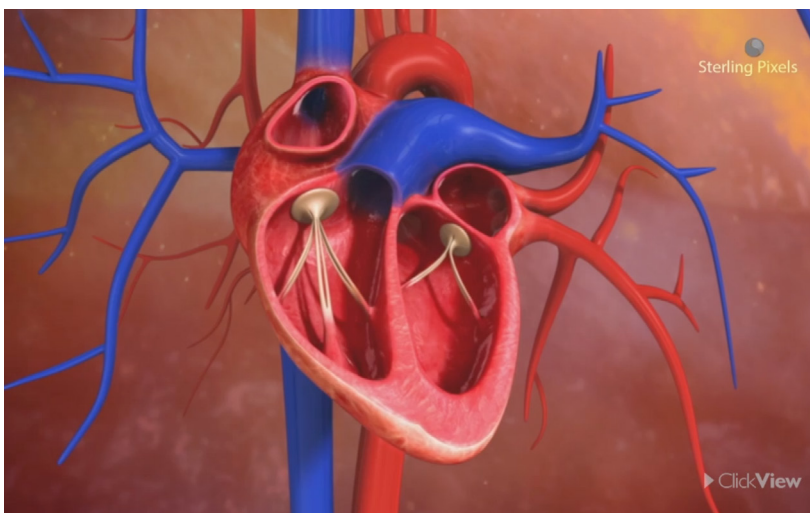
### Additional Resources

- Teacher Notes

2013 | 5 min | CC

# Transportation of Materials in Plants and Animals

This series looks at the different transport systems used by plants and animals to move nutrients, minerals and waste into and within themselves.

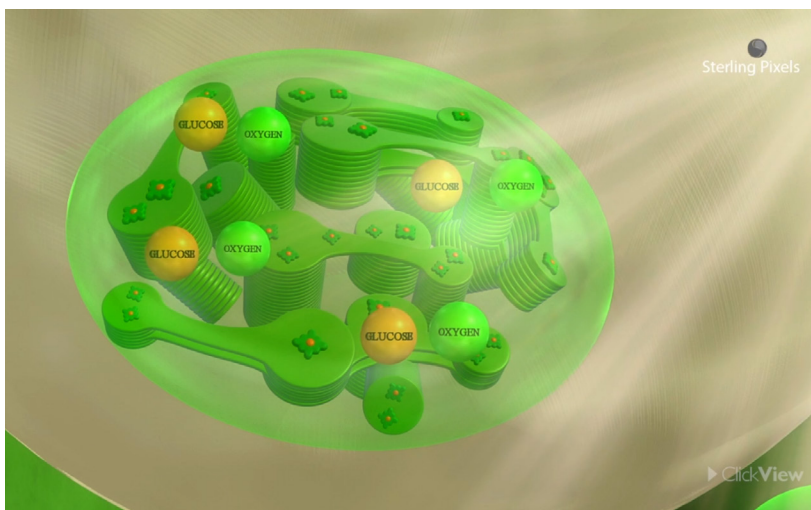


## Structure of the Heart

Learn about the structure and functions of the human heart in this video, which outlines its different chambers and valves.

**Mid Secondary**

2014 | 5 min | CC | AR



## Transport of Food in Plants

This video explains the process of food formation in the leaves through photosynthesis, and how it is transported to all the parts of the plant.

**Mid Secondary - Snr Secondary**

### Additional Resources

- Teacher Notes

2014 | 4 min | CC | AR



## Transportation of Water and Minerals in Plants

Students will about the structure of phloem and xylem in this video, and the role they play in the distribution of water and minerals in plants.

**Mid Secondary - Snr Secondary**

### Additional Resources

- Teacher Notes

2014 | 4 min | CC | AR