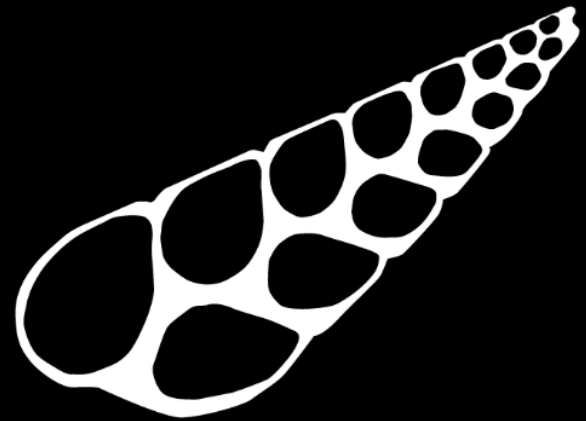
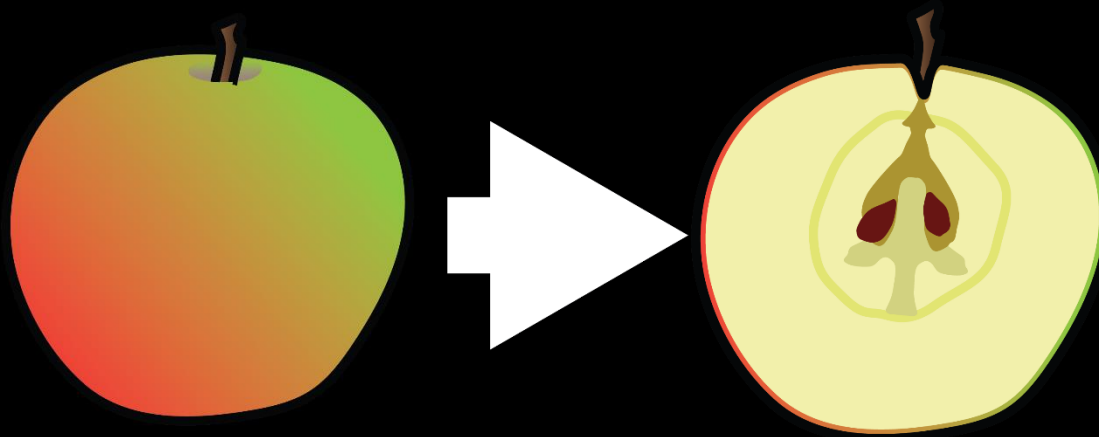


# Fossil Cross Sections Activity

- Print out the fossil cross sections and fossil pictures - one per page - in the 'Fossil Cross Sections Activity' PDF on our website
- Get pupils to work in small groups and match each cross section to its matching fossil picture
- These are common Irish fossils
- When we find fossils they are not always fully intact, therefore we need to learn to recognise their cross sections
- Encourage the pupils to study the shape and details of each picture and cross section
- A cross section is like taking a slice through an object so you can see the details on the inside.
- You can use the following slides to introduce the pupils to the concept of cross sections if needed.
- The answers to the activity are at the end of this presentation.

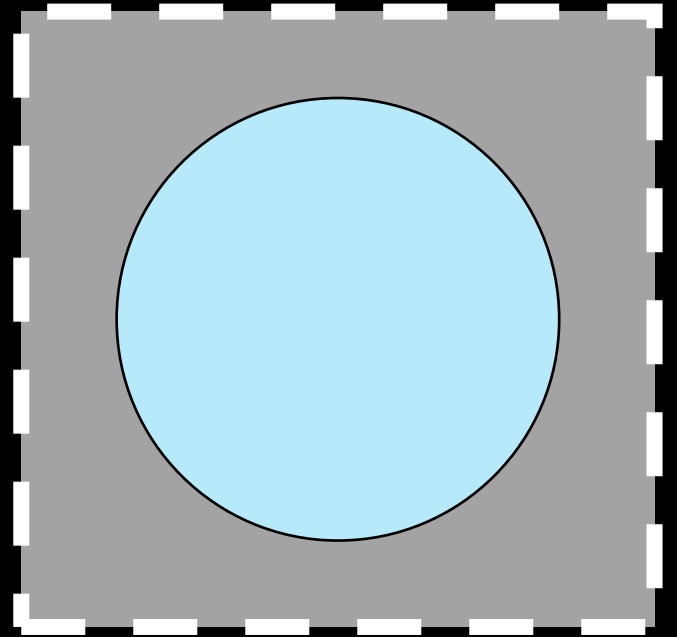
# Cross sections

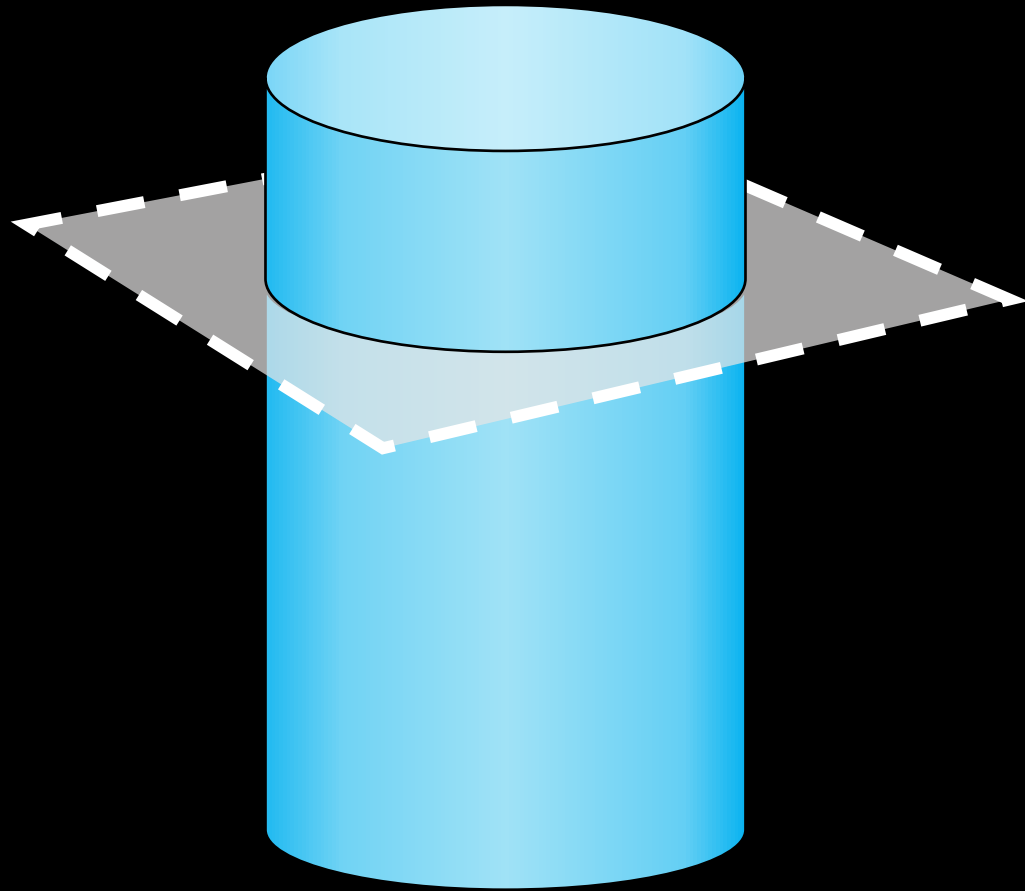




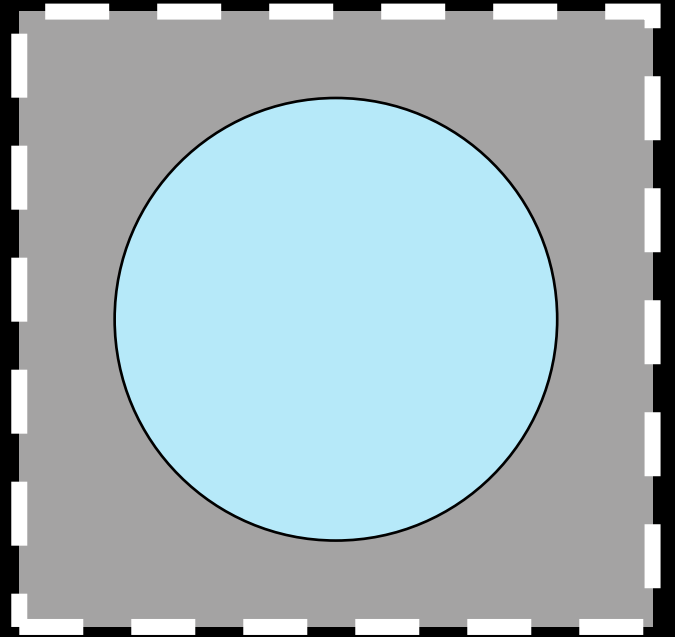
If you cut through  
an apple you can  
see its cross section

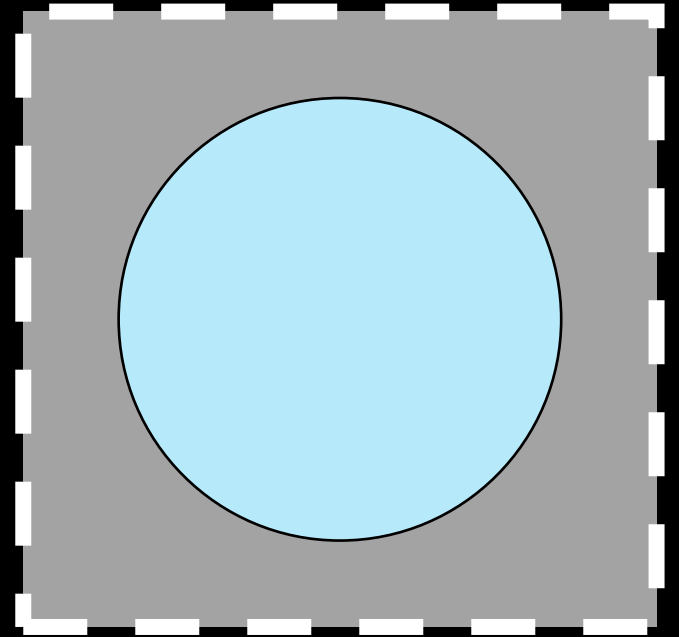
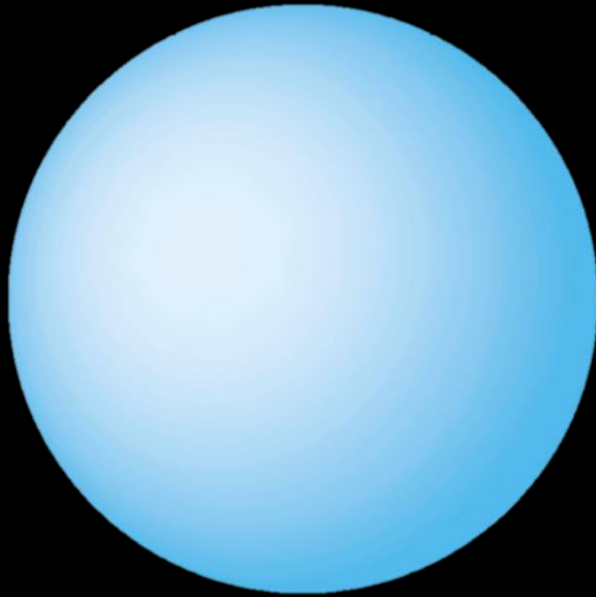
What shape is this  
a cross section of?





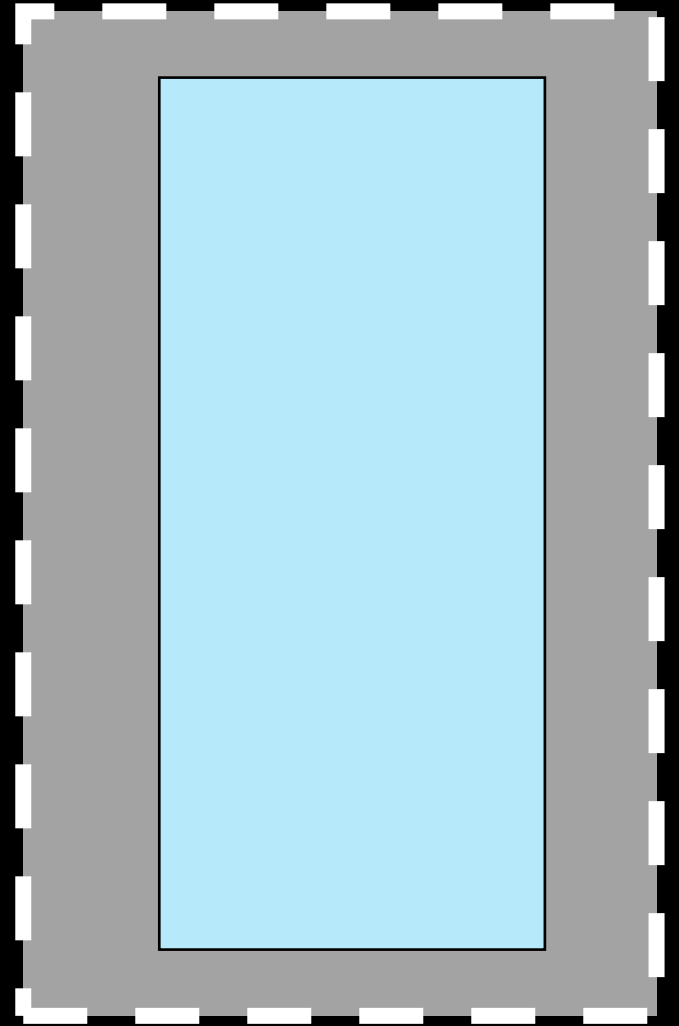
**Cylinder**

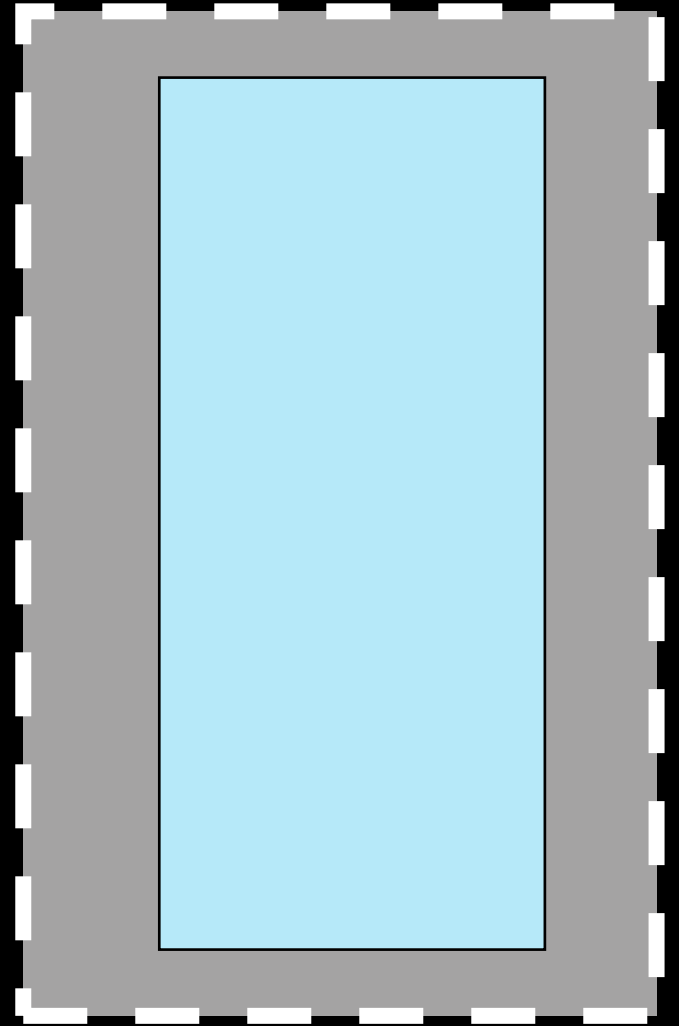
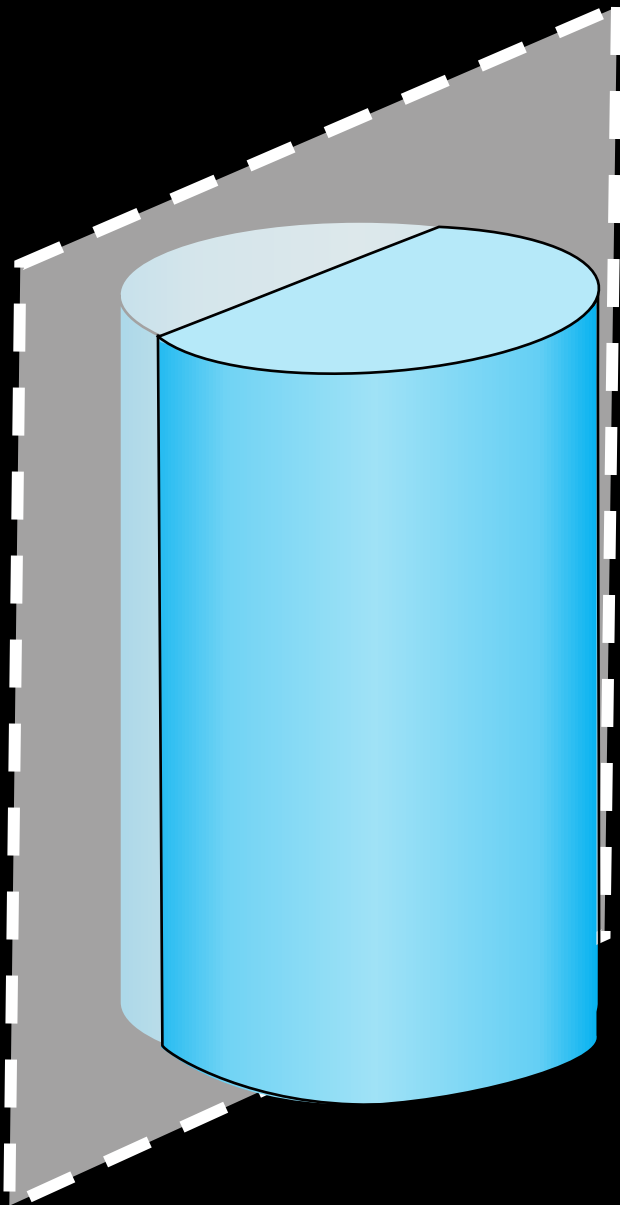




It could also be a cross  
section of a **sphere**

What shape is this  
a cross section of?

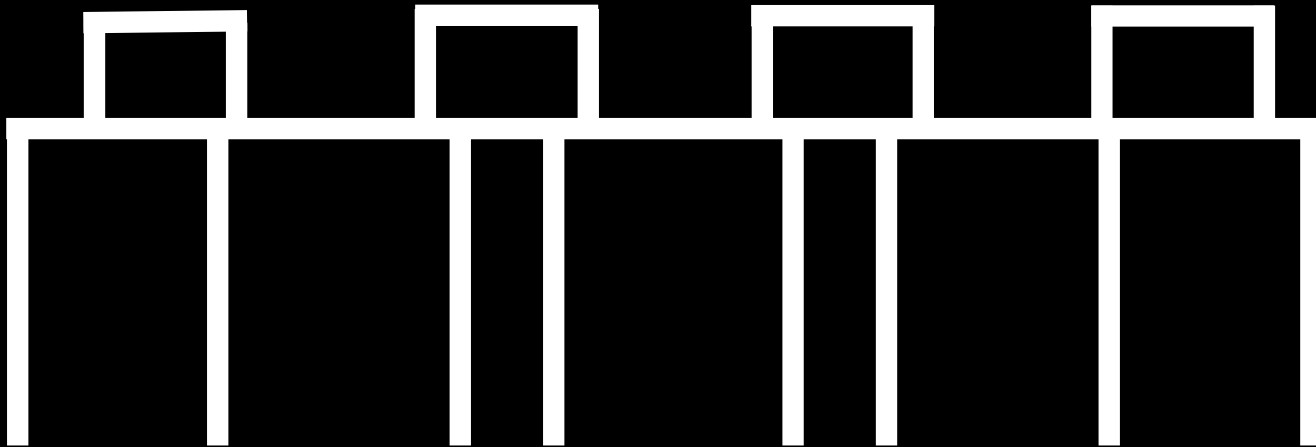




This is a cross section of a **cylinder** along it's long axis



What thing is this a cross section of?

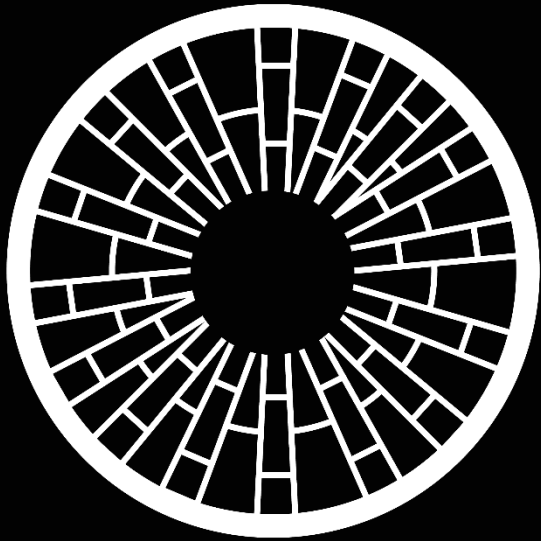




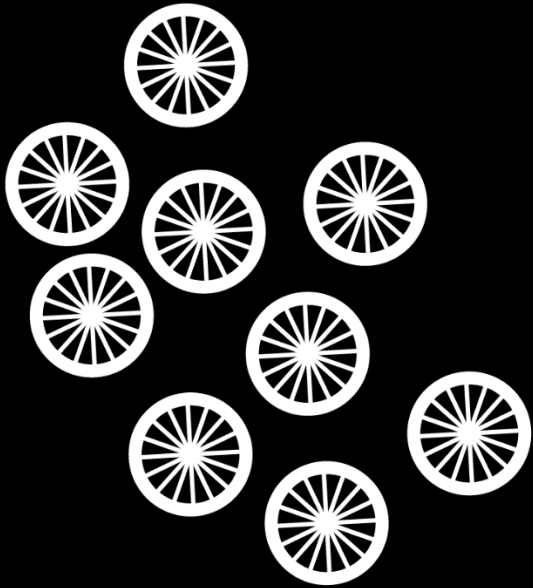
A piece of  
lego!



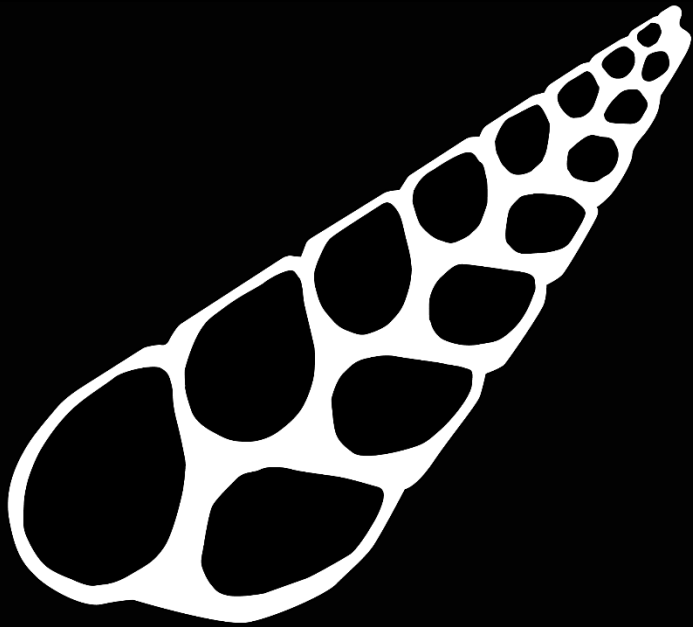
# Solitary Coral



# Colonial Coral



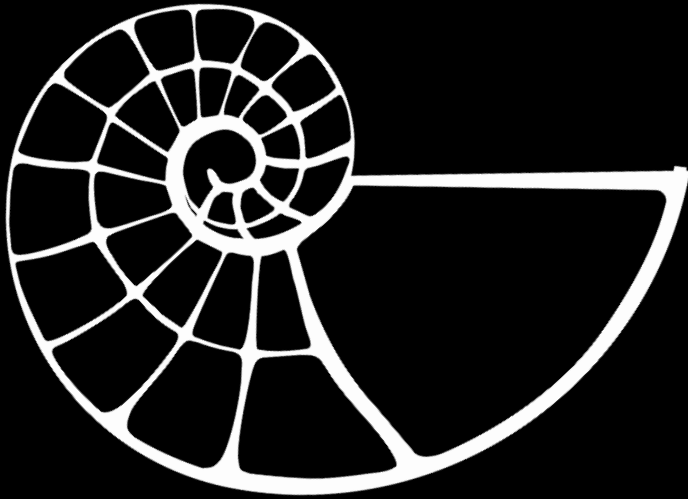
# Gastropod



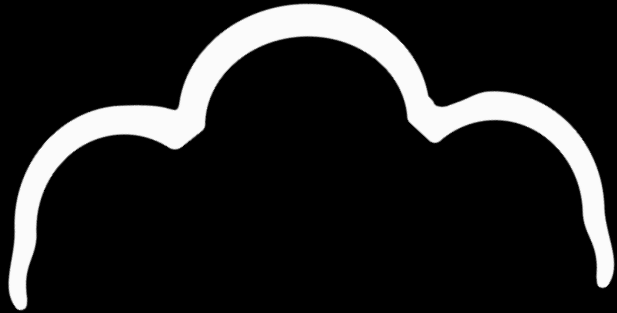
# Gastropod



# Ammonite



# Trilobite





# Brachiopod

