

Flood & Fossils Adventurer Award Worksheet

Name of Adventurer:

Name of Club:

Date:

Introduction to Flood & Fossils Adventurer Award

Welcome to the worksheet for this exciting Adventurer Award with the requirements and some creative helps at the end for you to complete the Award at your club.

Resources needed:

1. Modelling sand or modelling clay
2. A few olives (green or black)
3. Pair of scissors, glue
4. If possible, Plaster of Paris, water, lolly stick, plastic cup, dinosaur toy

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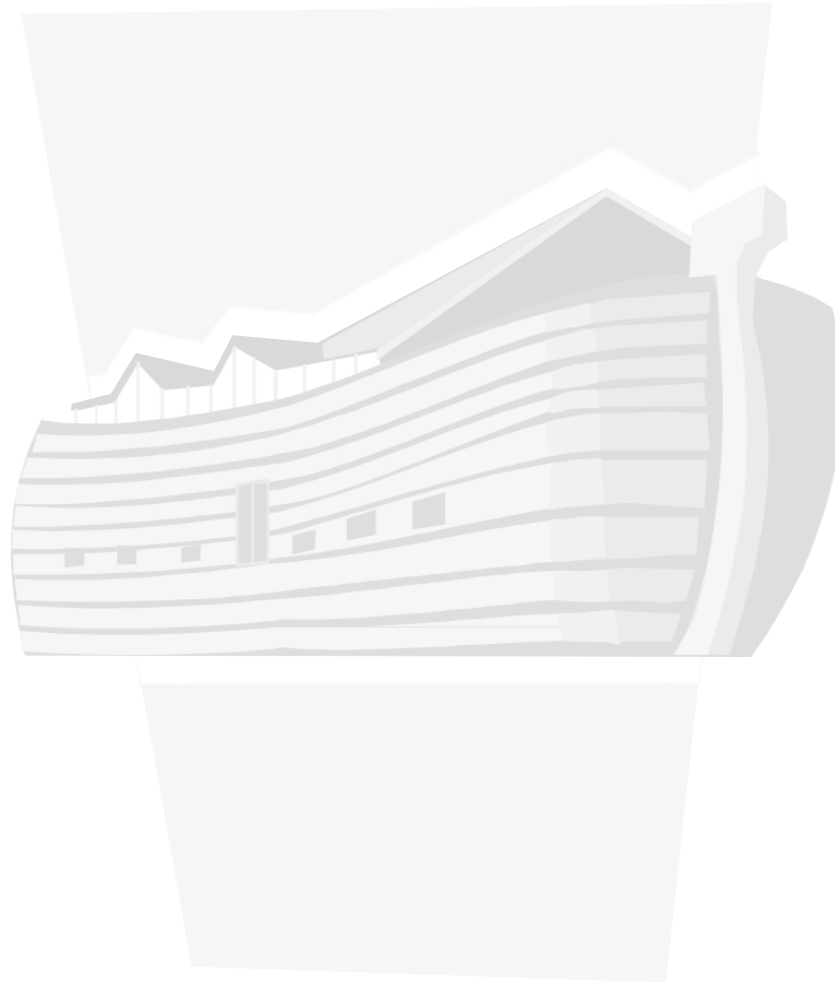


Requirements

2. Re-tell or act out the story of The Flood as told in *Genesis 6-9*. Name Noah's children.
3. In a group, name as many creatures as you can that entered the ark as clean animals, and as un- clean animals. Give both their male and female names.
4. Make an ark out of sand (or modelling clay).
5. Repeat the sounds the 2 birds make that Noah used before coming out of the ark.
6. Taste an olive.
7. Know 3 important rules when hunting for fossils.
8. Assemble a fish or bird fossil puzzle.
9. Collect or take photos of at least 3 fossils and 3 different rocks and draw a fossil that you find or have seen.
10. Describe the work that a palaeontologist does.
11. Tell how fossils are formed. If possible, make a fossil out of seaweed/sand/twigs etc. Try making one!

2. In 2 minutes, name as many creatures as you can that entered the ark as clean animals, and as unclean animals. Give both their male and female names.

- a)
- b)
- c)
- d)
- e)
- f)
- g)
- h)
- i)
- j)
- k)
- l)
- m)
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- p)
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- s)
- t)
- u)
- v)
- w)
- x)
- y)
- z)



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3. Make an ark out of sand (or modelling clay). When finished, take a picture and paste it here.

4. Repeat the sounds of the 2 birds Noah used, before coming out of the ark. Sing a chorus using the sounds. What chorus did you sing? Write the name below.



5. Taste an olive. What does it taste like? Do you like it?

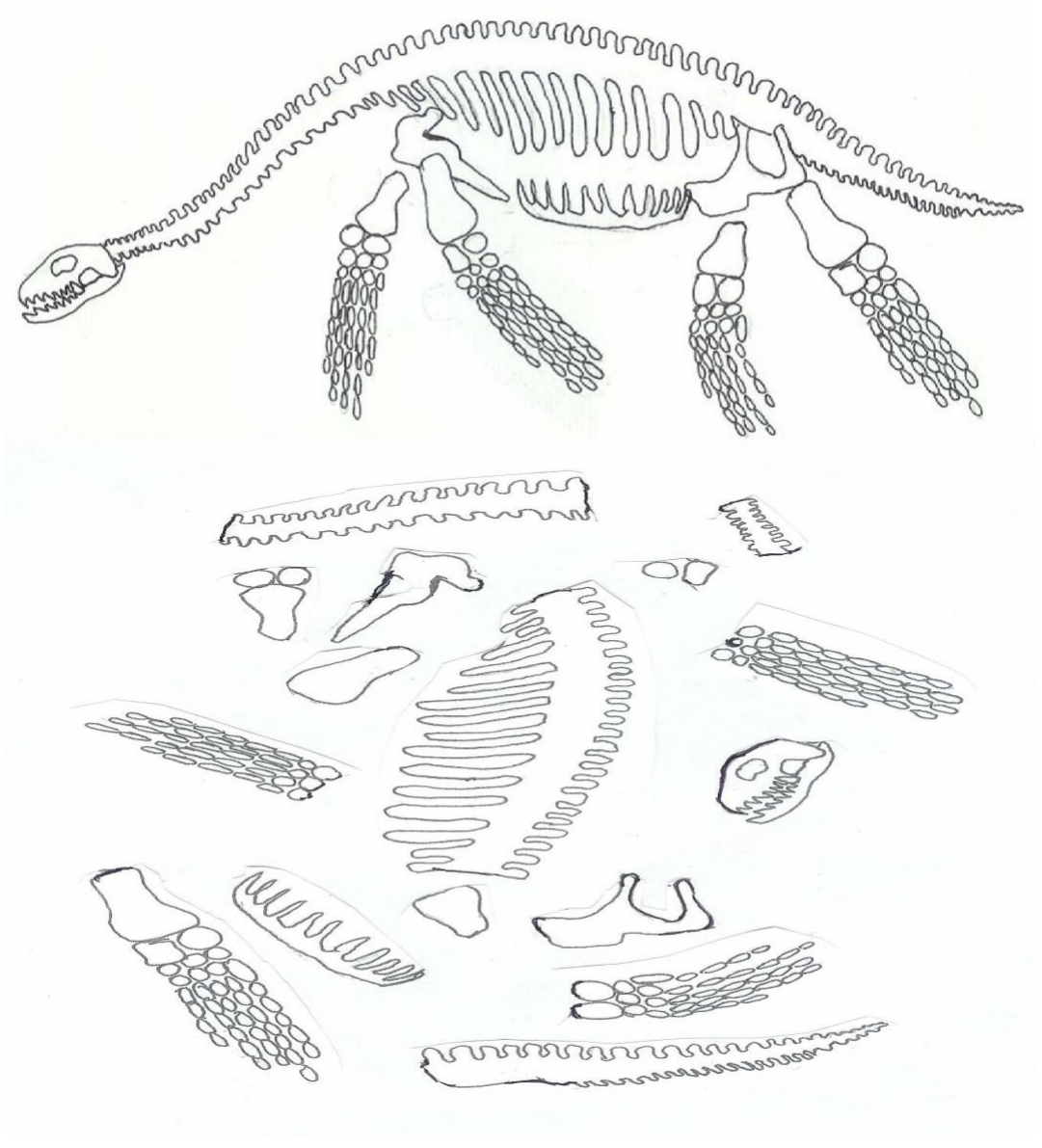
6. List 3 important rules when hunting for fossils.

(i) 6

(ii)

(iii)

7. Assemble a fish or bird fossil puzzle.



8. Collect or take photos of at least 3 fossils and 3 different rocks and draw a fossil that you find or have seen.

Fossil 1

Fossil 2

Fossil 3

Rock 1

6

Rock 2

Rock 3

9. Who are palaeontologists? What work do they do?

10. Tell how fossils are formed. If possible, make a fossil out of seaweed/sand/twigs etc. Try making one!



Some helps for your Adventurer when doing this Award

1. The Adventurers should try to tell it their own way or act the story using props or toys.
2. The Adventurers have a chance to name their favourite animals and learn new ones. What made the animals clean or unclean?
3. Using a sandpit or visiting the seashore, make a model of the ark. If unable to have access to sand, modelling clay may be used. Take a photo when finished.
4. Have the Adventurers mimic the sound of the raven and the dove. They could try singing a song or chorus using the sounds they make.
5. Have a variety of olives for the Adventurers to taste and have them describe the texture and taste.
6. Plan, be safe, be patient, respect your environment, report finds, protect your fossils, leave if possible.
7. On page 7 you will find a picture of a plesiosaur skeleton. Cut out the bones and glue them back together in the correct order.
8. Fossils are much more fun to collect if they are organized into a collection. Most fossils are found in sedimentary rocks - rocks which were created when shells or small loose bits of rock were laid down in layers. Examples of sedimentary rocks are limestone, sandstone, clay, and chalk.
9. Palaeontologists study fossils and attempt to use them to reconstruct the history of the Earth and the life on it.
10. Fossils are the remains of plants or animals that lived a long time ago. The fossils may look the same as when the animal or plant was alive but have now changed to stone. Fossils are formed when the original organic material is replaced by minerals. This is done in several ways: (a) being covered in soil, sand, or mud; (b) cell walls dissolve and is replaced by minerals; (c) minerals replace the wood and bone cells; (d) animals and plants may be preserved in permafrost.

Attempts can be made to form a fossil out of Plaster of Paris⁶. Adventurers will need assistance with this.