

## Inquiry - Discovery

Little Truff and the Whales by Ann Russell

# Whales and Marine Mammals



*Use available resources to complete this inquiry.*

Name:

### Origins of Whales:

The whale family were originally related to the \_\_\_\_\_.

They have been on Earth for \_\_\_\_\_ years.

### Five reasons why the whales are mammals:

1. They have a \_\_\_\_\_ made of a \_\_\_\_\_ and \_\_\_\_\_.
2. Their lungs \_\_\_\_\_ air through their \_\_\_\_\_ (s).
3. They are \_\_\_\_\_ - \_\_\_\_\_.
4. They give birth to \_\_\_\_\_ called calves.
5. The calves feed on their mother's \_\_\_\_\_.

### Three reasons which determine a whale is a marine/sea mammal:

1. Whales have \_\_\_\_\_ for a mammal.
2. Marine mammals rely on the \_\_\_\_\_ and other marine \_\_\_\_\_ for their existence.
3. Some live \_\_\_\_\_ in the sea like whales. They are \_\_\_\_\_ - \_\_\_\_\_ sea mammals. Others who live part-time on \_\_\_\_\_ are called \_\_\_\_\_ sea mammals like seals and sea lions.

### Inquiry about new-born baby whales:

- A mother whale is called a \_\_\_\_\_, the father is a \_\_\_\_\_ and the baby is a \_\_\_\_\_.
- Whales are pregnant for approximately \_\_\_\_\_.
- What are the 2 reasons whales migrate in spring to a \_\_\_\_\_ area in the oceans?
  1. To give \_\_\_\_\_ because a new baby has no \_\_\_\_\_ to insulate its body, keeping it warm.

2. Although they live off their blubber, it is a fresh ground.
- How are baby whales born to prevent drowning? They are born first.
  - How does the mother whale help its calf to breathe? She , carrying her baby on her / to the top of the sea so it can take its first of air through its (s).
  - A new-born humpback whale calf is approximately metres/13-15 feet long and ton/1,000 kg in weight.
  - It drinks + litres/43 gallons of its every day.
  - The mother's milk is like thick Greek yogurt and is very nourishing, containing - % fat.
  - The fat turns into a layer of under the skin, the baby from the cold.
  - How does the cow know her calf is hungry? The calf his mother's stomach.
  - As the baby cannot suck, how does it get the milk? The muscles of the mother's mammary gland contract/tighten like a hand forcing water from a balloon, to the calf.
  - When the leaves after the calf is born, a may stay with the cow and calf.
  - While the baby is vulnerable, it will swim up by its mother's head to prevent being attacked by from below.
  - A young whale stays with its mother for approximately - . This is the youngster's time, preparing it to become independent.

*Please save this file on to your computer and then email to your teacher as an attachment.*

