

1) What is evolution?

2) There are 2 types of evidence that living things evolve (in this book):

- a) Fossils**
- b) Comparative Anatomy**

3) Fossils:

- a) What is the fossil record?
- b) Describe the difference between figure 6 and figure 7:
- c) Why is there a difference in figure 6 and figure 7?

4) Vestigial Structures:

- a) What is a vestigial structure?
- b) What vestigial structure do whales have that they do not need in their current environment?
- c) Describe the evolution of whales by noting the features of each:



i) _____ Where does it live? _____
Describe it's legs - how does it move?



ii) _____ Where does it live? _____
Describe it's legs - how does it move?



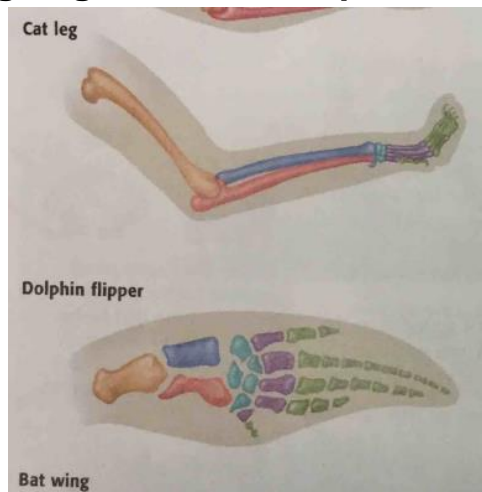
iii) _____ Where does it live? _____

Describe it's legs - how does it move?



iv) Where does it live? _____
Describe it's legs - how does it move?

5) Comparing Organisms - Comparative anatomy



- When you compare these 4 organisms, do these structures look the same on the outside?
- Are these 4 structures used in the same way?
- Are the bones similar?
- What does the similarity in bone structure indicate (about evolution)?