

## Zoo Location

**Tundra Trek & Australasia Pavilion**

## Approximate time to complete

**1 hour**

## Instructions

Students will require a copy of the student worksheet which includes all the information they require to independently complete the worksheet.

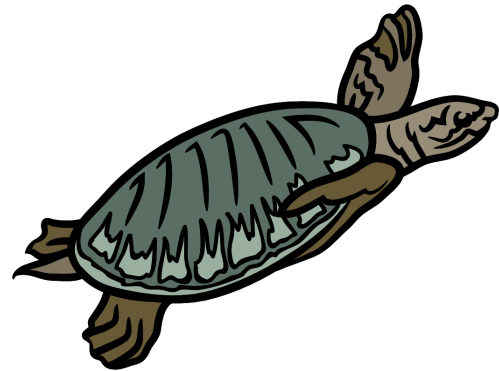
## Learning Goals

Students will see examples of; adaptations, homologous structures, analogous structures, convergent evolution & divergent evolution.

## Curriculum Expectations

### University Preparation

- C2.1 Use appropriate terminology related to evolution, including, but not limited to: extinction, natural selection, phylogeny, speciation, niche, mutation, mimicry, adaptation, and survival of the fittest
- C3.1 Explain the fundamental theory of evolution, using the evolutionary mechanism of natural selection to illustrate the process of biological change over time
- C3.2 Explain the process of adaptation of individual organisms to their environment
- C3.3 Define the concept of speciation and explain the process by which new



species are formed

## Materials

- Student worksheet

