

# Enclosure Design and Enrichment

Animal enclosures need to be designed in a way which will enrich, stimulate and mimic the animals natural behaviours and lives out in the wild.



The layout, furniture, flooring and size all need to ensure they meet the 5 freedoms. These being;

1. **Freedom from hunger and thirst**
2. **Freedom from discomfort**
3. **Freedom from pain, injury and disease**
4. **Freedom to behave naturally**
5. **Freedom from fear and distress**

When designing an enclosure you must consider not only the needs of the animal but of the keepers and visitors.

In addition to enclosure design, animals need enrichment. Enrichment is provided to stimulate them both mentally and physically and to enable them to show natural behaviour.



As you go around the zoo, look at the different enclosure designs and consider how they meet the 5 freedoms. What enrichment is provided for the animals and how is this enabling the animals to express natural behaviours?

# Chimpanzee



Chimpanzees do not have tails which makes them Apes not Monkeys

**What apparatus can you see in the Chimpanzee enclosure?**

**What habitat do Chimpanzees live in?**

**What natural behaviours does this equipment help stimulate?**

**There is a termite mound in the enclosure, why do you think we have included a termite mound?**

# Humboldt Penguin



Humboldt Penguins are found on the west coast of South America

**What natural behaviours would you expect to see from a penguin?**

**What habitat do Penguins live in?**

**How does the enclosure design allow the Penguins to show natural behaviours?**

**How does the enclosure design allow for good viewing for the visitors?**

# Snow Leopard



The Snow Leopard is a dangerous animal, no one can go inside the enclosure when the Snow Leopards are in there.

**The enclosure has a lot of things to climb in it, why do you think this is?**

**What habitat do Snow Leopards live in?**

**How does the enclosure design allow keepers to get inside the enclosure without being in the same area as the Snow Leopard?**

**The Snow Leopards have a sheltered inside area, which of the 5 freedoms is this meeting?**

# Meerkats



Meerkats live in family groups called Mobs, with a dominant female in charge.

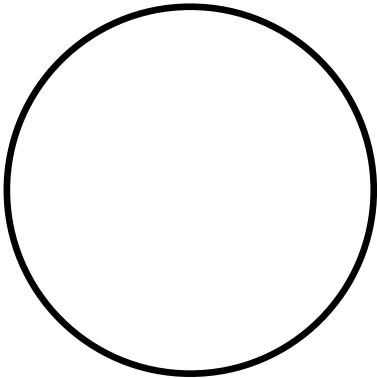
**Why has sand been used in this enclosure?**

**In what habitat do Meerkats live?**

**What in the enclosure allows them Meerkats to get up high? Why is this an important part of the enclosure design? What natural behaviour is it encouraging?**

**The keepers scatter the Meerkats food around the enclosure, why do they do this?**

Animal: \_\_\_\_\_



Choose an animal and design an enclosure which meets the 5 freedoms and takes in the needs of the keepers and visitors.

**List some of their natural behaviours?**

**What habitat does the animal live in?**

**What will you include in the enclosure design to allow the animal to express natural behaviours?**

**What enrichment will you provide?**

**How will you ensure good viewing for visitors?**

**How will you ensure it is safe for keepers to do their job?**

**How are you meeting the 5 freedoms?**

**Sketch your enclosure design below and annotate it**