**Enclosure Design Workshop**

What’s involved when creating zoo enclosures?

**Post 16**

**Learning Outcomes:**

At the end of the session:

- **All students** will understand the importance of finding a balance between the animals’ needs, keeper needs and visitor needs when designing an enclosure and be able to name one key requirement for each group.

- **Most students** will be able to identify design problems and be able to come up with realistic alternatives to meet the needs of the animals, keepers and visitors.

- **Some students** will be able to use innovative, yet practical, design choices based on their observations, whilst maintaining the needs of the animals, keepers and visitors.

**Session Outline:**

This 90 minute workshop starts with a look at how zoo enclosure design has changed with a look at pre-Victorian era collections to zoos today. After this, the needs of the animals, the keeping staff and the visitors are looked at with a discussion on how zoo enclosures need to meet the needs of these three groups. The talk then moves into the functional aspects enclosures have and need, looking at barrier use, safety measures and viewing options, looking at pros and cons to the different options as well as other considerations. After this, the students will then review an enclosure at the zoo with the aid of a worksheet to focus their observations. These observations are then used, along with the information from the talk to redesign the enclosure.

**Curriculum Links**

**Design and Technology**

- Identify and solve design problems
- Communicate design
- Analyse and evaluate
- Work collaboratively
- Account for the views of users and other interested groups
- Present objective evaluative comments
- Use feedback to evaluate initial design