

Keeping Animals in Space Teacher Guide

This lesson introduces students to the complications involved with reproducing the environment required for animals in space. The lesson includes a PowerPoint presentation and brainstorming activity. Unlike previous lessons the activity is included as part of the Power Point presentation to encourage students to think about the requirements of animal habitats in space. The presentation also includes a small design activity in which students must attempt to design a habitat before being shown NASA's solution to the same problem. It is not intended to be a lengthy design exercise and students are not expected to produce engineering specifications it is simply an exercise to demonstrate the large amount of factors that must be considered in taking animals into space.

1. Read the background information provided in the 'Keeping Animals in Space - Teacher's Notes'.
2. Show students the 'Keeping Animals in Space' PowerPoint presentation and discuss slides.
3. Have students undertake the Brainstorming Session as a class before splitting in groups and undertaking habitat design as explained in the presentation.