



### Experiences and Outcomes:

SCN 1-07a      TCH 1-04a  
TCH 1-09a  
TCH 1-10a  
  
MTH 1-16b  
MTH1-19a

### DYW link:

**Aerospace Engineer:** Aerospace engineers apply scientific and technological principles to the design, construction and maintenance of aircraft, weapons systems, satellites and space vehicles. They may be called aeronautical engineers.

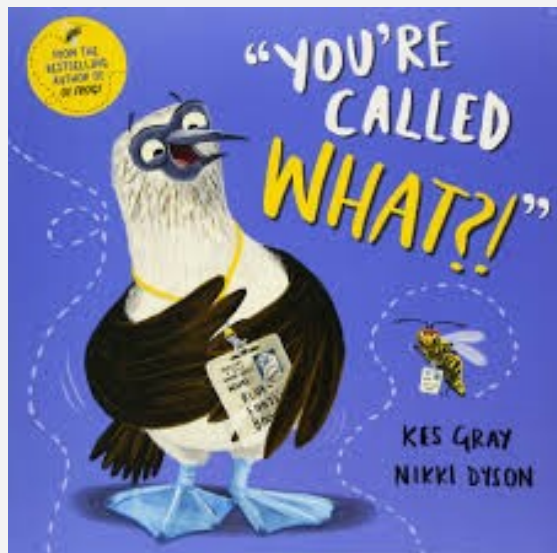
**Pattern Cutters:** Work from fashion designers' plans to make the templates used for making garments. Pattern graders take the patterns made by pattern cutters and produce scaled up and scaled down versions, to produce the same garment in different sizes.

### Resources required:

Card/paper  
Scissors  
Sticky tape  
Pens/pencils  
Measuring tape  
Dragon template  
Tangram template

### Activity/Challenge:

- Design and create a flying dragon.  
*Use the template to create a dragon. Test the distance that the dragon flies. Modify and retest.*
- Create a castle using geometric shapes.  
*Use the tangram template to design different 2D castles. Use all 7 shapes and investigate shape and symmetry to create different designs.*



## Experiences and Outcomes:

SCN 1-01a

LIT 1-09a

SCN 1-14a

HWB 0-47a

## DYW link:

**Nature Conservationist:** Nature conservationists are responsible for the practical management of the countryside. They develop policies to preserve and protect areas such as woodlands, fields, rivers, mountains, forests or coastal areas, to develop awareness and understanding and to encourage visitors.

**Animal Technicians:** Animal Technicians look after the animals used in medical or veterinary research. They may also help scientists with experimental work.

## Resources required:

Animal and plant activity cards

'I see, I think, I wonder' image cards

'I see, I think, I wonder' template

## Activity/Challenge:

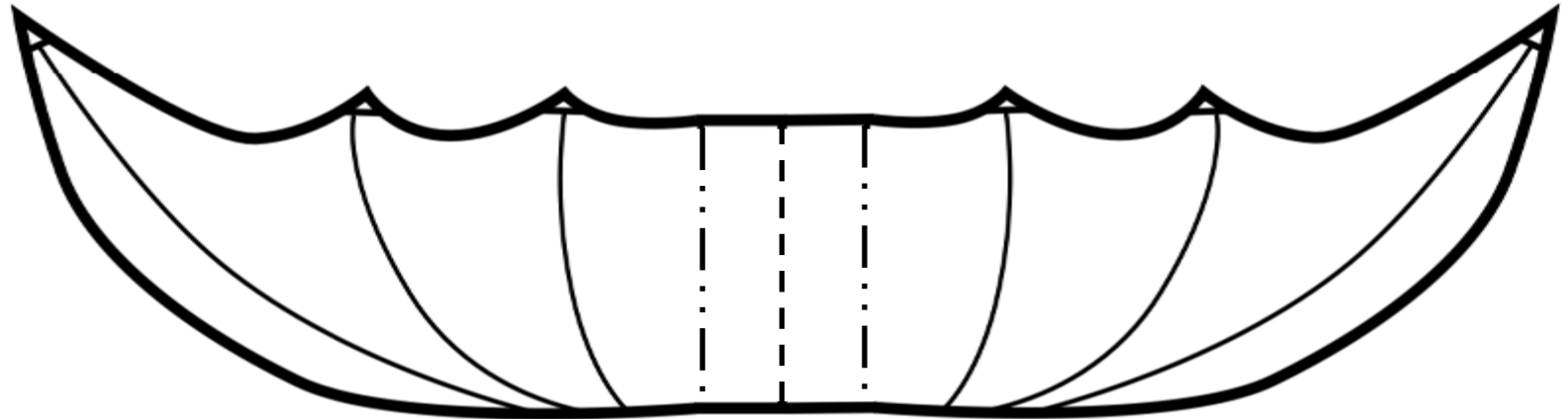
- Act like a Victorian explorer

*Using the 'You're Called What?!' activity cards sort the plants and animals into groups using a variety of features. Then and make up new names for the plants and animals according to what they look like or what they do.*

- I see, I think, I wonder

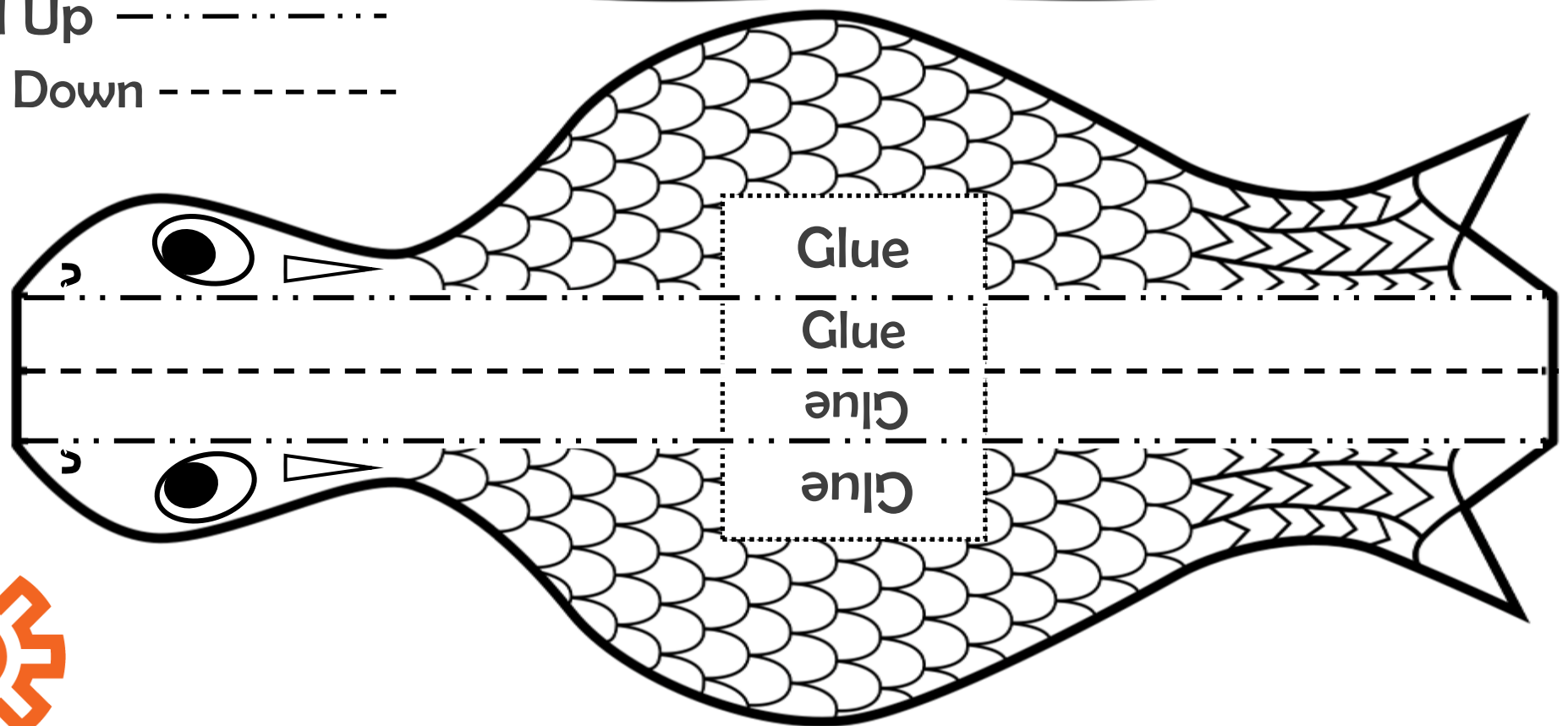
*Look at the picture cards. What do you see? What do you think? What do you wonder? Fill out the 'I see, I think, I wonder' template.*

The Knight Who Said No!

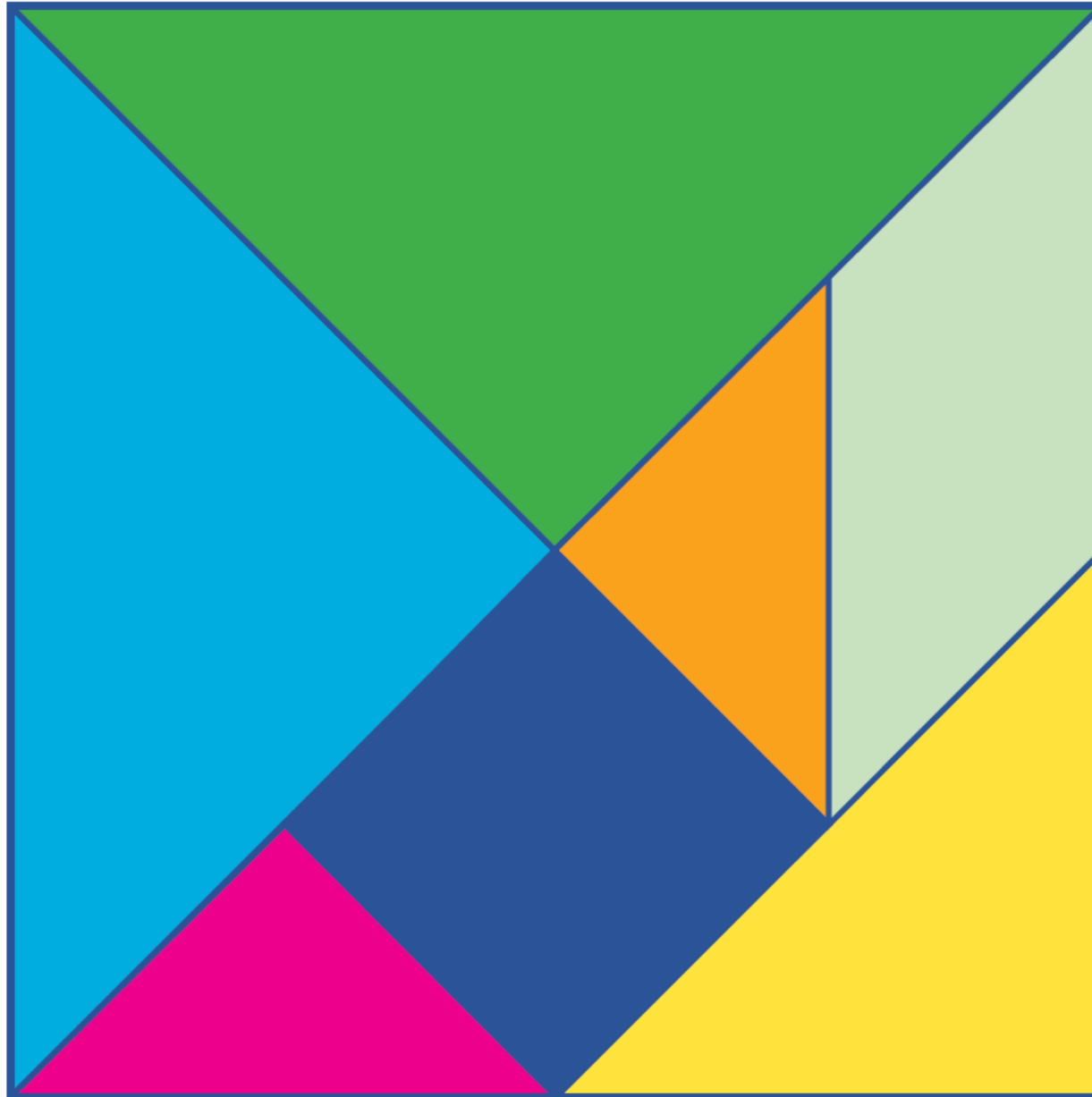


Fold Up - - - - -

Fold Down - - - - -



The Knight Who Said 'No!'







Dancing Girls Flowers



Panda Ant



Bush Viper



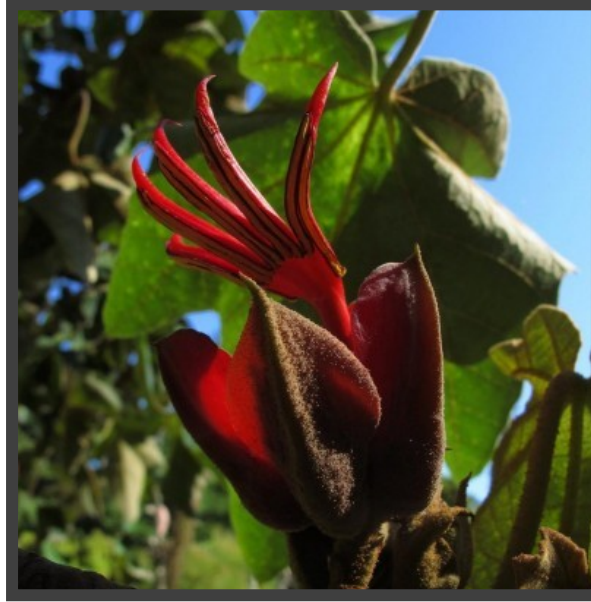
Red Lipped Batfish



Frill-Necked Lizard

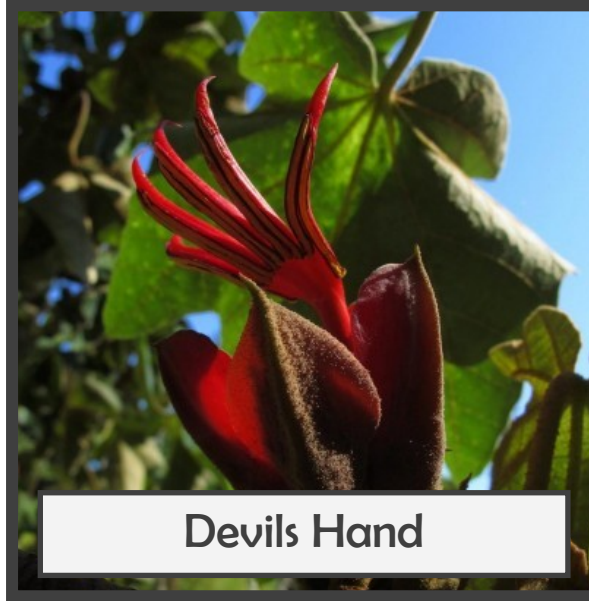


Naked Mole Rat





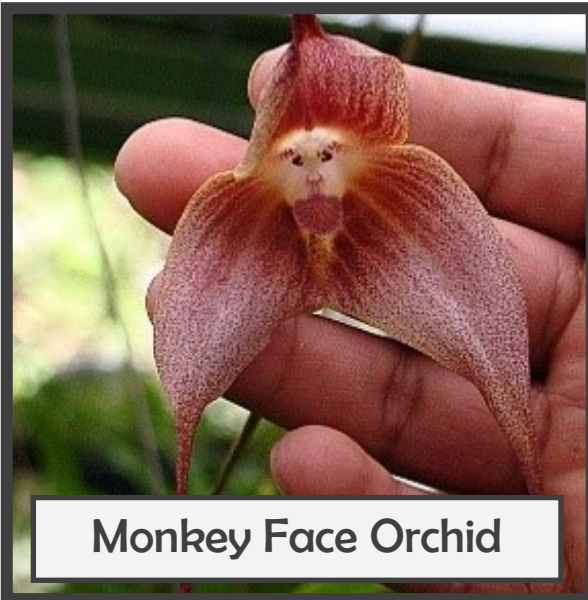
White Bellied Go-Away Bird



Devils Hand



Glass Frog



Monkey Face Orchid



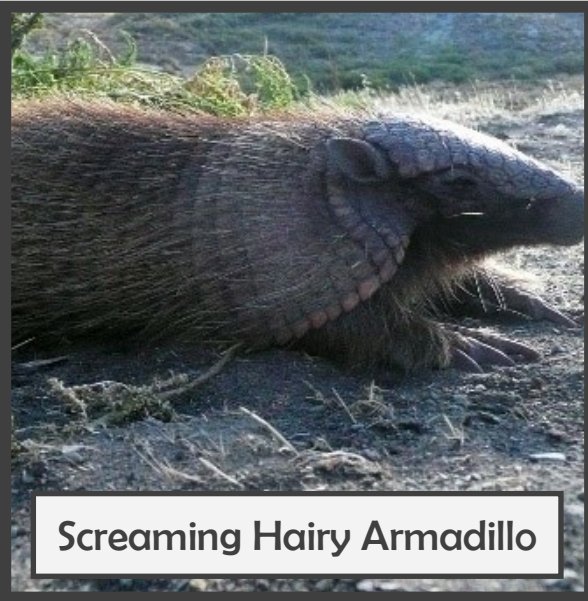
Leafy Sea Dragon



Poodle Moth







Screaming Hairy Armadillo



Bleeding Heart Flower



Sea Pig



Star Nosed Mole



Pink Fairy Armadillo



Flame Lily

I see



I think



I wonder





Plastic in the Oceans













