

WILD ECO BUILDERS

Wild Cities

iOi Challenge: Be inspired by animals and mini beasts to design fun, creative and useful buildings! Build an entire city of buildings, using different junk materials and LEGO. Your city could be on the land, water or even air.



YOU WILL NEED

- Craft materials: wool, lollypop sticks, kebab sticks, coloured card
- Junk materials: boxes, bottles, egg cartons, toilet rolls
- LEGO pieces
- Scissors
- Tape
- Glue
- Wild Cities Cards
- My Invention Idea Resource
- Make Your Own Wild Cities Cards Resource

Getting started

Step 1. Split the deck of cards into two piles; one for animals and one for buildings.



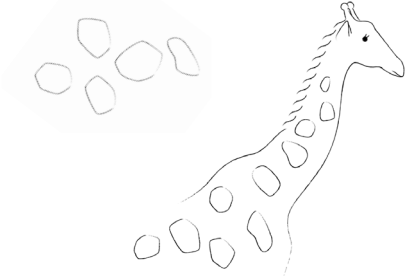
Step 2. Give your cards a good shuffle and take one from each pile to find your inspiration! Next, choose one building from the list on the Buildings card that you would like to design.





Wild Prototypes

Step 3. Read about the special features of your animal on the card and, think about how this could inspire the design, shape and the function of the building. Using the 'My Invention Idea' resource, design your building. e.g. a giraffe bakery which uses its spots to better regulate the temperature to allow the bread to rise.



Step 4. Use craft, junk materials and LEGO to experiment and make your building come to life! Here are some examples.



Giraffe Bakery. This bakery stays cool even when the oven is on. Its is inspired by giraffe's spots and its ability to regulate temperature.



Jumping Spider Hospital. This hospital has eight legs, just like a spider and can travel very fast and on many different surfaces to get to those in need



Beaver Dam Airport. This airport stands on rivers just like a beaver's dam. It generates energy from river water and houses many ecosystems while providing a space for planes to land and take off



Manta Ray Rollercoaster. Just like a manta ray, this rollercoaster never stops moving. It can glide in the air, hover and swim on water!

Step 5: Using the 'Make Your Own Wild Cities Cards' resource, why not write your own cards and share them with a friend to build a whole Wild City together!

Discover more ideas here

