

# carry and GO



**FOCUS QUESTION:**  
HOW DO PARENTS  
make sure  
THEIR  
BABIES STAY  
ALIVE?

**BUZZWORD:**  
PATTERN



## WHAT DO YOU NOTICE?



Have you ever seen an animal carry its baby? How did they do it?

## DESIGN CHALLENGE!



**Animals have many great ways of carrying their young to keep them safe.**

**Challenge:** Use ideas from animals carrying their young to design an invention that lets you carry your favorite toy without using your hands.

## MATERIALS:

Something to draw your design with:

- Digital Device

OR

- Paper
- Pencil, marker, crayon, etc

## Instructions:

1. Look at the picture of each animal for ideas.
2. Draw your design.
3. Explain how your design is inspired by the animals.



# OPOSSUM

**What is special about the opossum's body that helps it carry the baby?**

Circle the parts of the adult opossum's body that help it to carry the baby.

Circle the parts of the baby opossums' bodies that help them to be carried.



# KOALA

What is special about the koala's body that helps it carry the baby?



Circle the parts of the adult koala's body that help it to carry the baby.

Circle the parts of the baby koala's body that help it to be carried.



# KANGAROO

What is special about the kangaroo's body that helps it carry the baby?

Circle the parts of the adult kangaroo's body that help it to carry the baby.

Circle the parts of the baby kangaroo's body that help it to be carried.



# FOX

What is special about the fox's body that helps it carry the baby?

Circle the parts of the adult fox's body that help it to carry the baby.

Circle the parts of the baby fox's body that help it to be carried.





## DRAW YOUR DESIGN HERE!

What toy are you designing a carrier for? Make sure to include it in your drawing.

Add labels to your drawing to show what your invention is made of and how it holds your toy!

Draw your design here using digital drawing tools, or use a separate sheet of paper, such as a notebook.

# WHAT'S GOING ON?



1. Circle the parts of the animals that inspired your design.



2. Explain your design to someone else.



Follow your teacher's instructions on how to share your design and your explanation.

# EXTRA INFORMATION

## Fun Fact!

Kangaroos, opossums, and koalas are all types of marsupials. Their babies are all called joeys!

A baby fox can be called a kit, pup, or cub!



## INSPIRED BY NATURE

Look how a bike helmet looks like a tortoise shell.



Scientists and engineers learn from and copy ideas from nature, like animals and plants, to design new things.

What other human inventions do you think are inspired by nature?

## EXTENSION



Build and test your design! Ask an adult to help you find materials that are okay to build with. Try to make your design in real life. Can you use it to carry your toy without using your hands?