

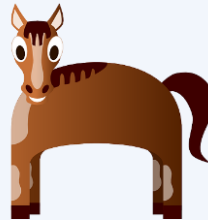
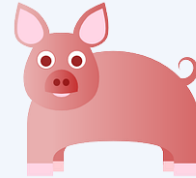
# Lesson 2: Making groups

Year 3 – Data and information – Branching database

## Lesson 2: Making groups

- To identify the object attributes needed to collect relevant data
- I can select an attribute to separate objects into groups
- I can create a group of objects within an existing group
- I can arrange objects into a tree structure

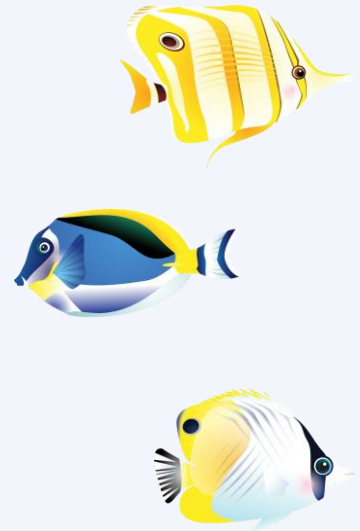
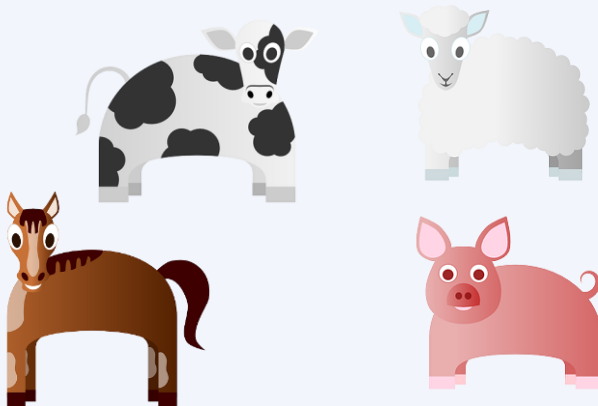
What question could you use to separate the objects into groups?



- Remember: It needs to have a yes or no answer!

## What attributes could you have used?

- (Has it got) legs
- (Do they live in a sea) habitat
- (Has it got) scales





- Think and write down: What question could separate these objects into two equal groups?

# Does it fly?

Yes

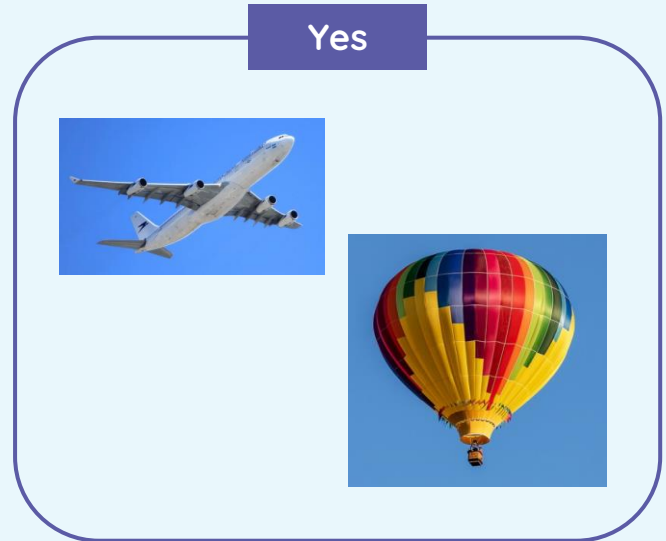


No



# What question can you ask to separate the group again?

- Does it fly?
- Remember: You can only ask questions with a yes or no answer



Does it fly?  
Does it have wings?

Yes



No





# What question can you ask to separate the group again?

- Does it fly?
- Remember: You can only ask questions with a yes or no answer

No



Does it fly?  
Does it have an engine?

Yes



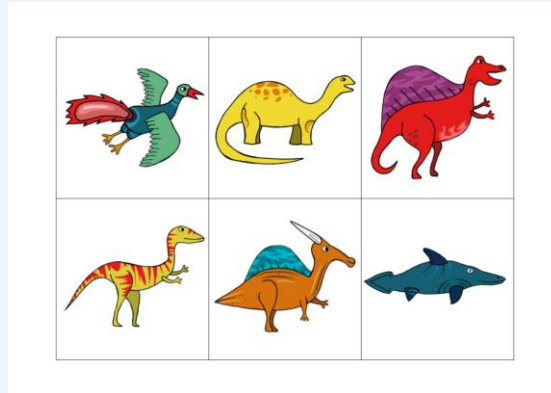
No



## Organising objects

Does it have a fin on its back?

Does it have legs?



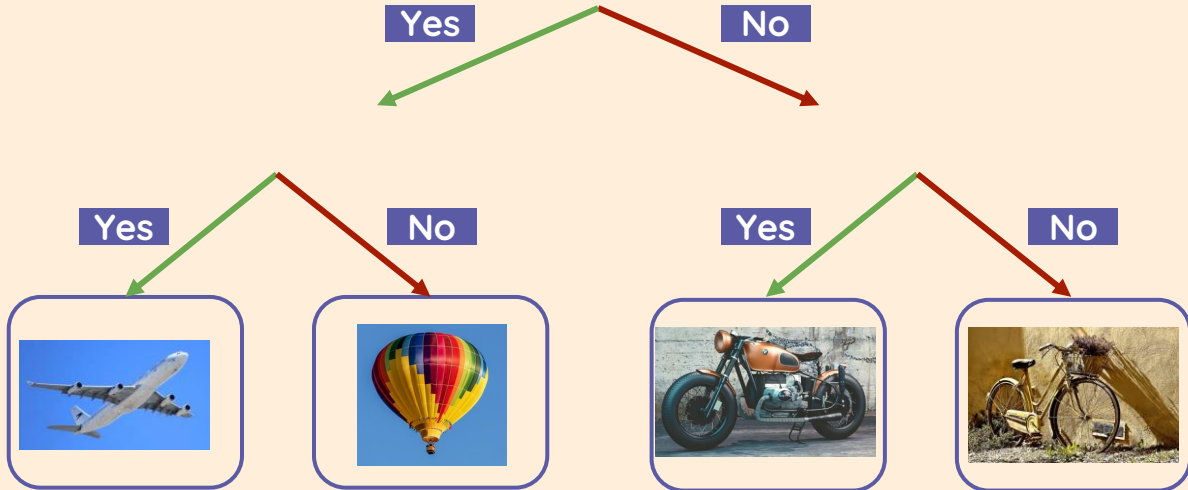
Does it have a horn?

- Think about the attributes you are using for each question.

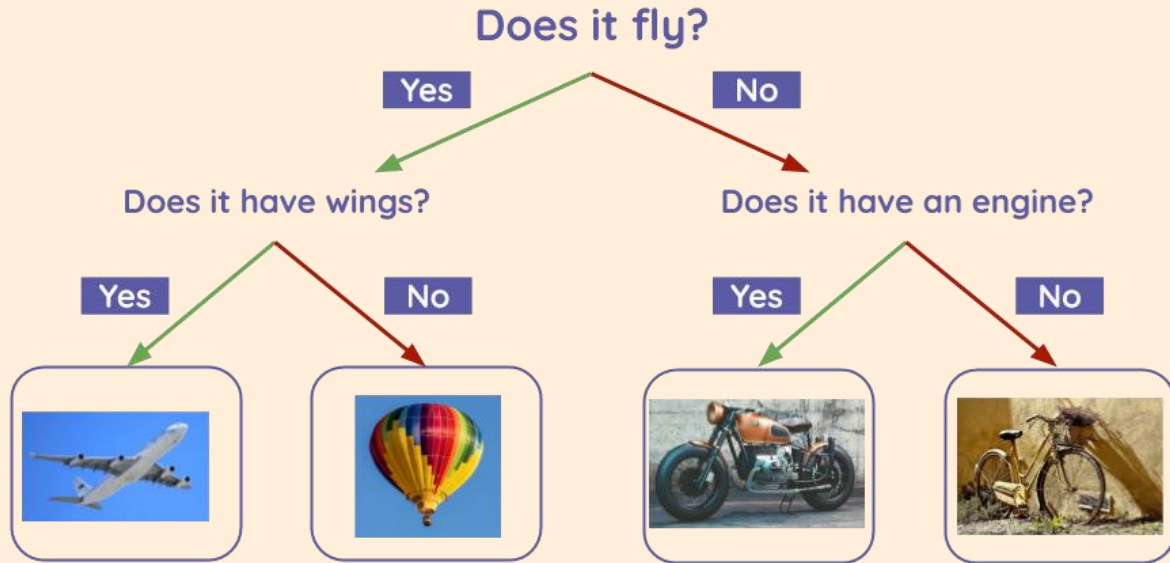
# Does it fly?

## Does it have wings?

## Does it have an engine?



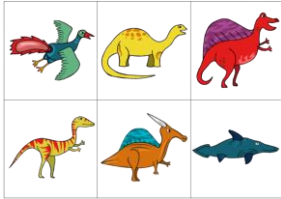

**Think and share:** Why do you think it is called a branching database?




- This branching database shows the transport images organised by questions with a yes or no answer.

# Can you create a branching database? Use the activity sheet.

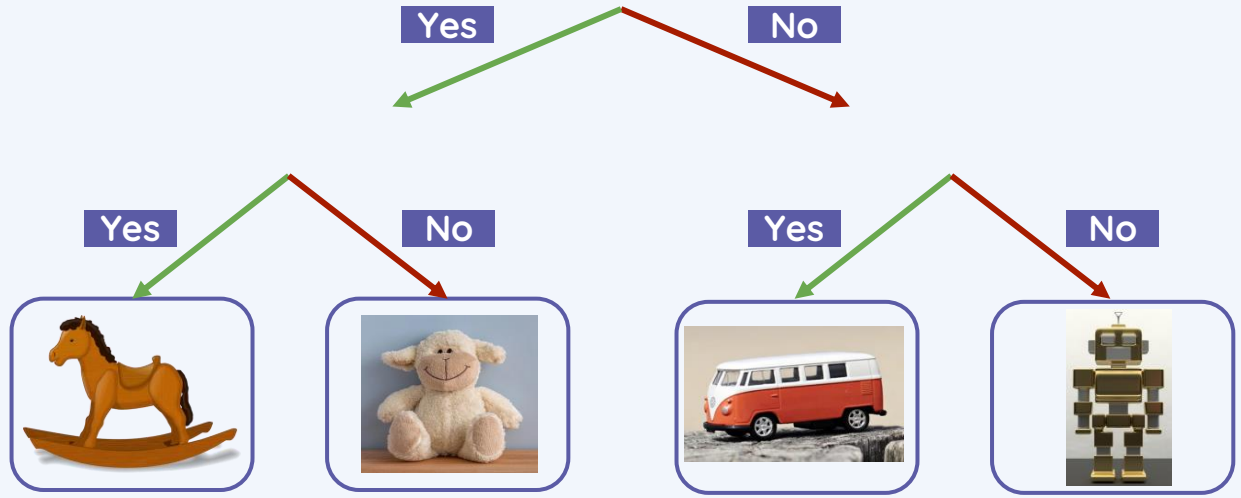
- Arrange your images
- Stick them down or draw them in your book.
- Draw arrows and label with yes and no

Does it have a tail?
Does it have a fin on its back?
Does it have spikes?
Does it fly?
Does it have legs?
Is it mostly red?
Does it have stripes?



# Is it made of wood?



**Think, pair, share:** What could the missing questions be?

# Is it an animal toy?

- Is it made of wood?



Yes No



## Does it have wheels?

Yes No

