



## Theme; Birds

### #SpikeDinosAdventures

#### Birds; Canada Goose

Spike explored the Natural History gallery and found this Canada Goose. He recognised it from some he'd seen at Mote Park lake, and also flying overhead when they migrate.

Canada geese facts;

- Can fly 1000 miles per day at up to 40 miles per hour, and fly in groups in a V formation when migrating.
- Prefers habitats near water but can survive in habitats that provide enough food, including parks, golf courses and beaches.
- Has a wingspan of 127-185cm.
- Females build nests near water and lay 2-9 eggs. They hatch after 24-29 days.
- A baby goose is a gosling. A male is a gander. A female who has had goslings is referred to as Mother goose.



Spike has seen several geese come into land and when he saw their shadows on the ground they seemed to start small and get bigger.

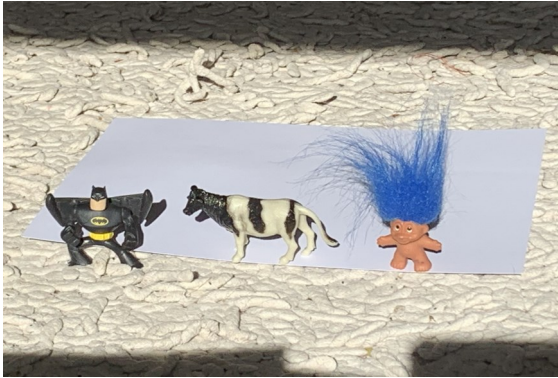
This got Spike thinking about shadows and how when the sun is behind him his shadow makes him look much bigger. But when it's overhead he seems to shrink.

Activity; have a go at our shadow activity - instructions on the next page.

Share your pictures tagging @MaidstoneMuseum and #SpikeDinosAdventures or by emailing [museumeducation@maidstone.gov.uk](mailto:museumeducation@maidstone.gov.uk) and we'll post to Instagram

# Spike's Shadow Activity

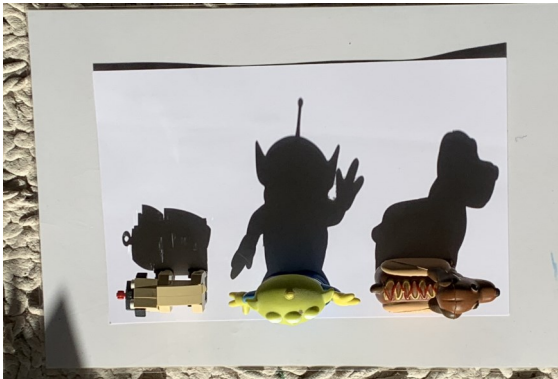
#SpikeDinosAdventures



1. You will need; some small toys, paper, pens or pencils, a sunny spot or a torch if it's dark.
2. First find a sunny spot and place your paper in the sun.
3. Next line your toys up along the edge of the paper - see first picture.



4. Move the toys until you can clearly see their shadows on your paper.
5. Draw around the shadows - you should get an outline of your toy.
6. Try different toys. Which toys give the best shadows?



7. Move the toys to different sides of the paper - do their shadows get taller or shorter? Can you still tell what toy it is?



8. Once you have some shadows you can draw in the details, or colour them in as solid shapes.
9. If you are using a torch try holding the torch in different spots above or behind your toys and watch what happens to the shadows.

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