

Scoot back in time trail

Air Quality



Scoot Back in Time Facts Hunt

KS2 Appropriate

Concepts, skills, and qualities taught:

This exercise may be used to raise awareness about issues associated with air quality and to promote Park and Stride sites or safer routes to school. This activity may help to increase the well-being of children by highlighting the health and environmental benefits of active travel and scooting.

Where: Along a chosen Park and Stride route to school or in a quiet part of the school grounds.

Numbers required: Whole school or particular year groups.

Suggested age range: Ages 7 and up

Materials needed: Clipboard, paper, pencil(s)

Time required: Depends upon the length of the route chosen.

Instructions:

Select a short, safe scooting route, away from busy roads if possible, that you would like to promote to encourage families to travel actively to school. Prepare the cards by printing off the birds. Stick the two corresponding sides together (front view - questions to back view – answers). Laminate if possible or stick to thicker card.

Mix up the birds so that the children have to solve the anagram ('Pollution') from the first letters of the answers. Punch a hole into the pictures and use string or cable ties to attach them to posts along the chosen trail.

Invite parents to scoot to school on a particular date and send them a map of the 'Scoot back in Time' trail to follow. Risk assess the route before the date of the event. Families may be greeted by staff at the beginning and end of the Trail and given badges or stickers for taking part. The solution of the anagram may be discussed in an Air Quality Themed Assembly.

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See if you can find all the birds and write down the first letters of the answers to solve the anagram:

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The first air pollution caused by humans was released from:

- A) **D**inosaur farming,
- B) **P**rehistoric humans burning wood
- C) **C**avemen's air fresheners

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What did medieval cities run out of which meant they had to burn dirty coal for fuel?

- A) Cheese
- B) Flowers
- C) Trees

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Which city suffered the Great Smog event in 1952?

- A) Paris,
- B) Liverpool or
- C) London

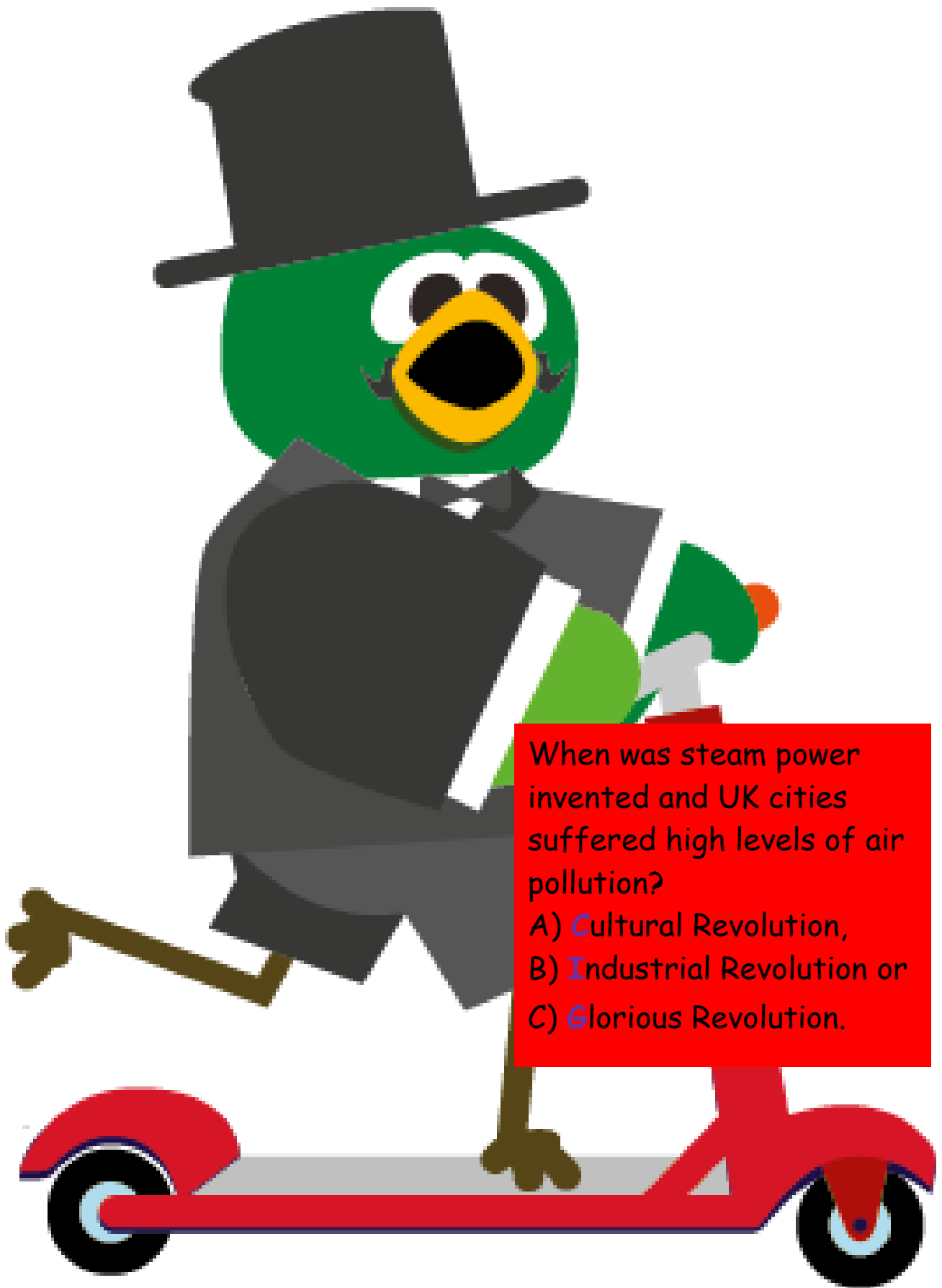
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What do we use today to make petrol & diesel for our cars?

- A) Oil,
- B) Coal or
- C) Natural Gas

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When was steam power invented and UK cities suffered high levels of air pollution?

- A) Cultural Revolution,
- B) Industrial Revolution or
- C) Glorious Revolution.

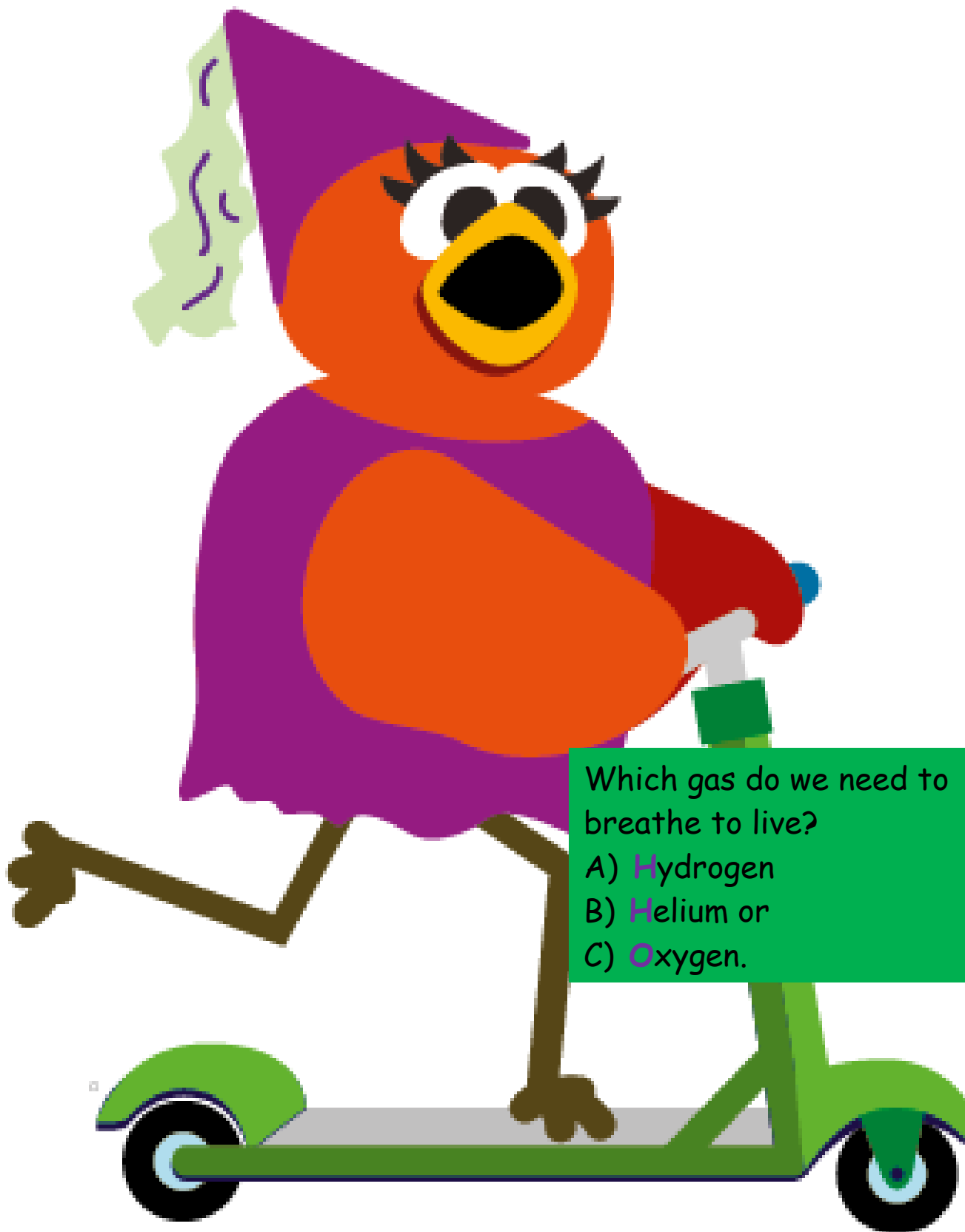
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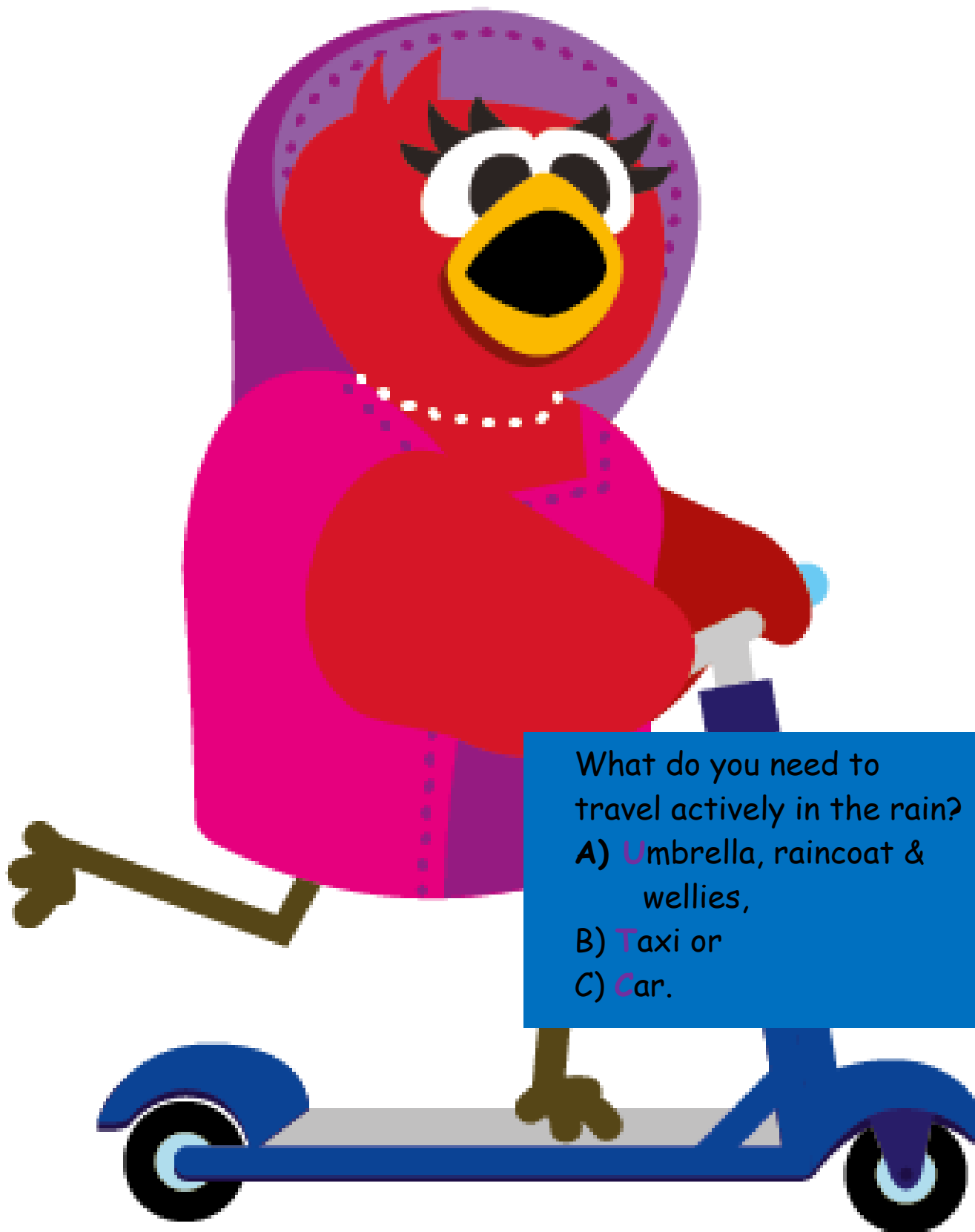
Evidence of air pollution has been seen in Egyptian mummies with particulates (soot) found in their

- A) Lungs,
- B) Mouths or
- C) Ears?

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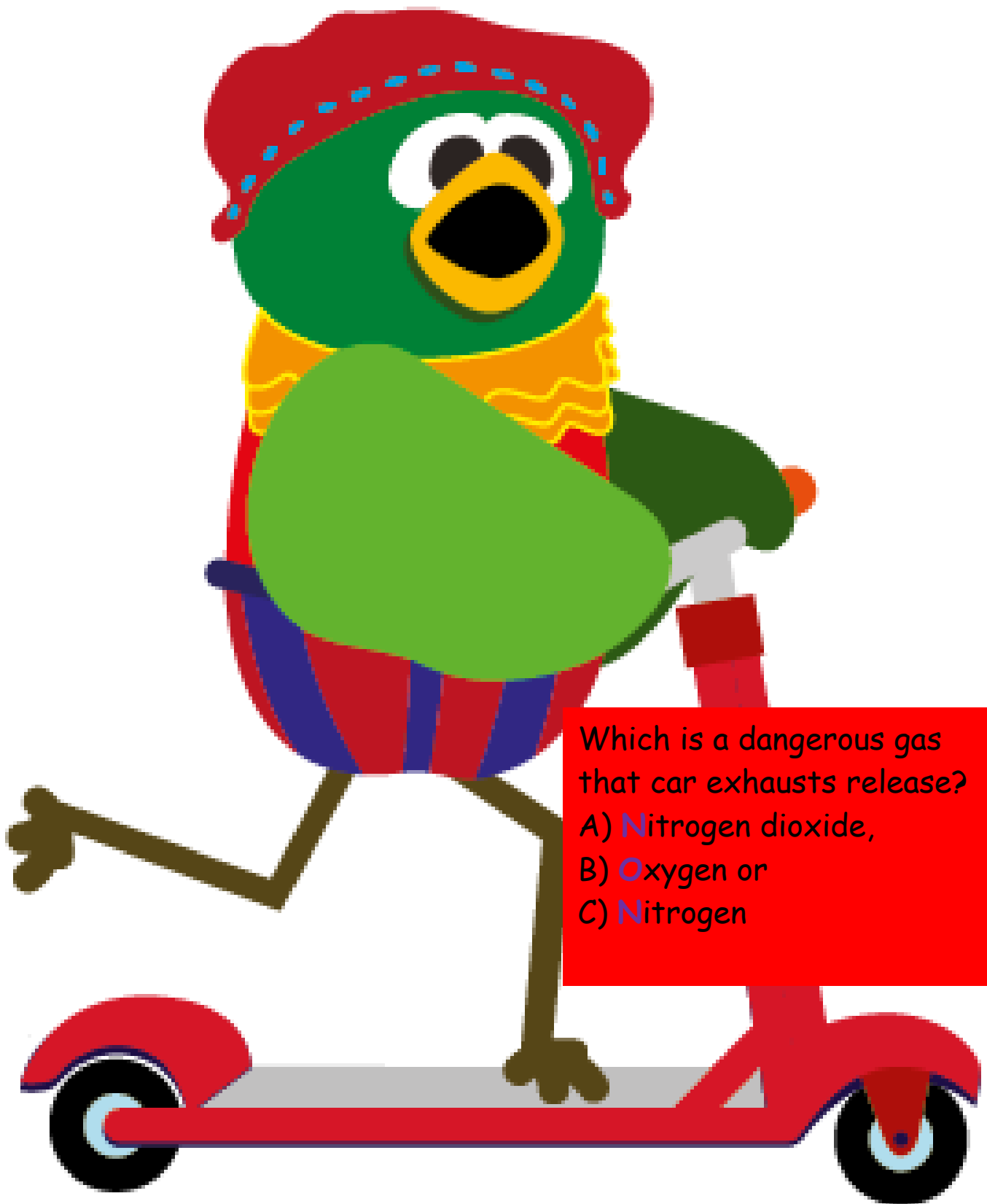
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What do you need to travel actively in the rain?

- A) Umbrella, raincoat & wellies,
- B) Taxi or
- C) Car.

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Which is a dangerous gas that car exhausts release?

- A) Nitrogen dioxide,
- B) Oxygen or
- C) Nitrogen

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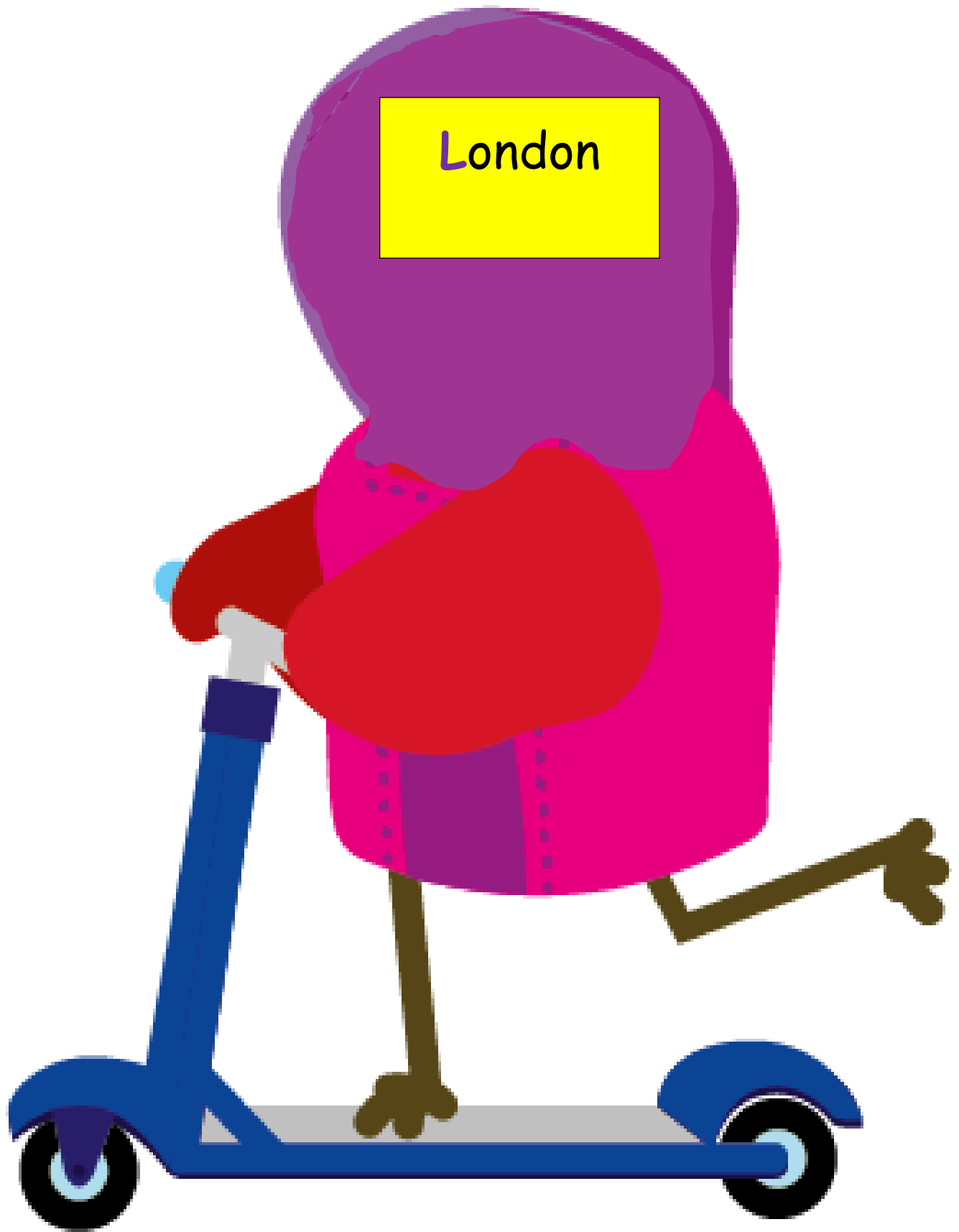
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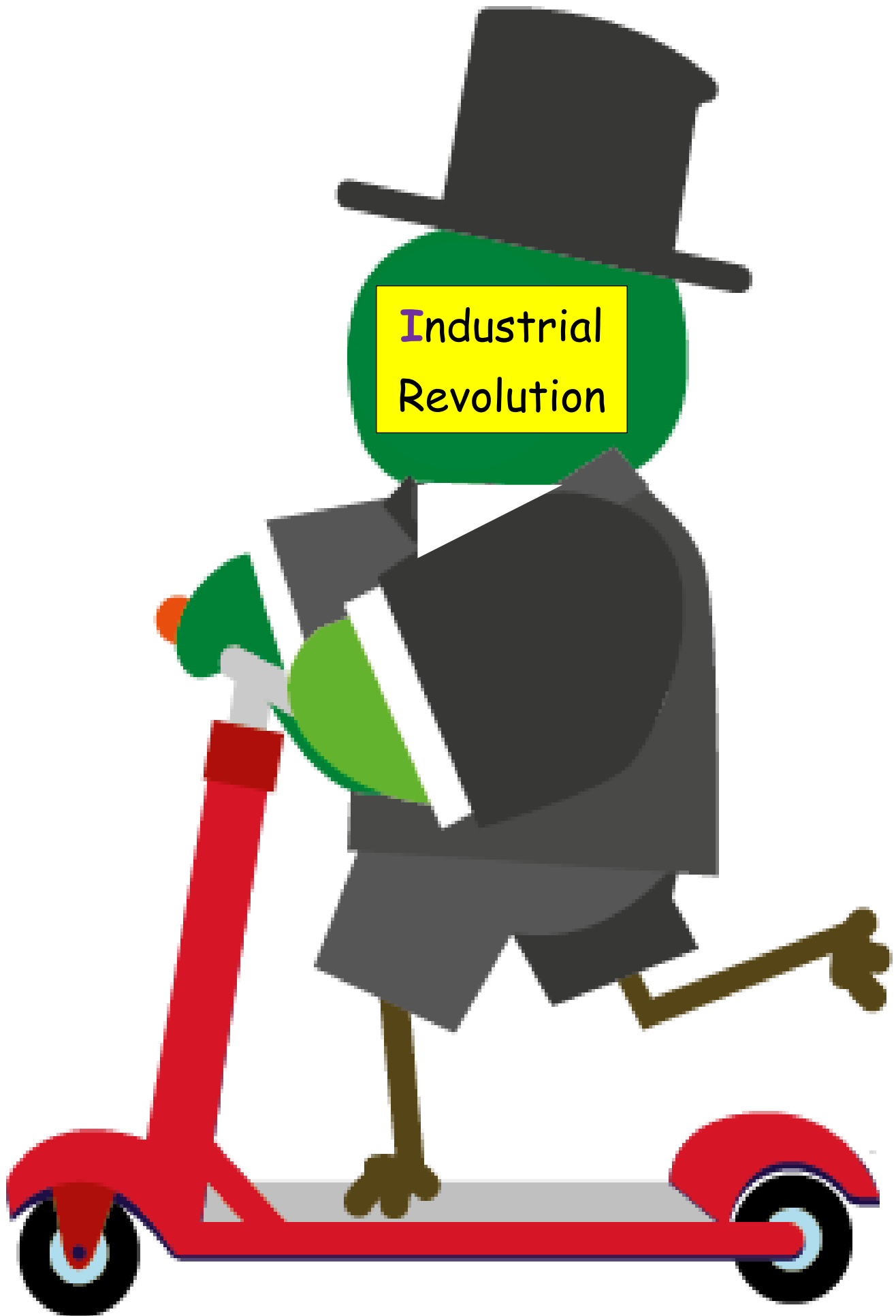
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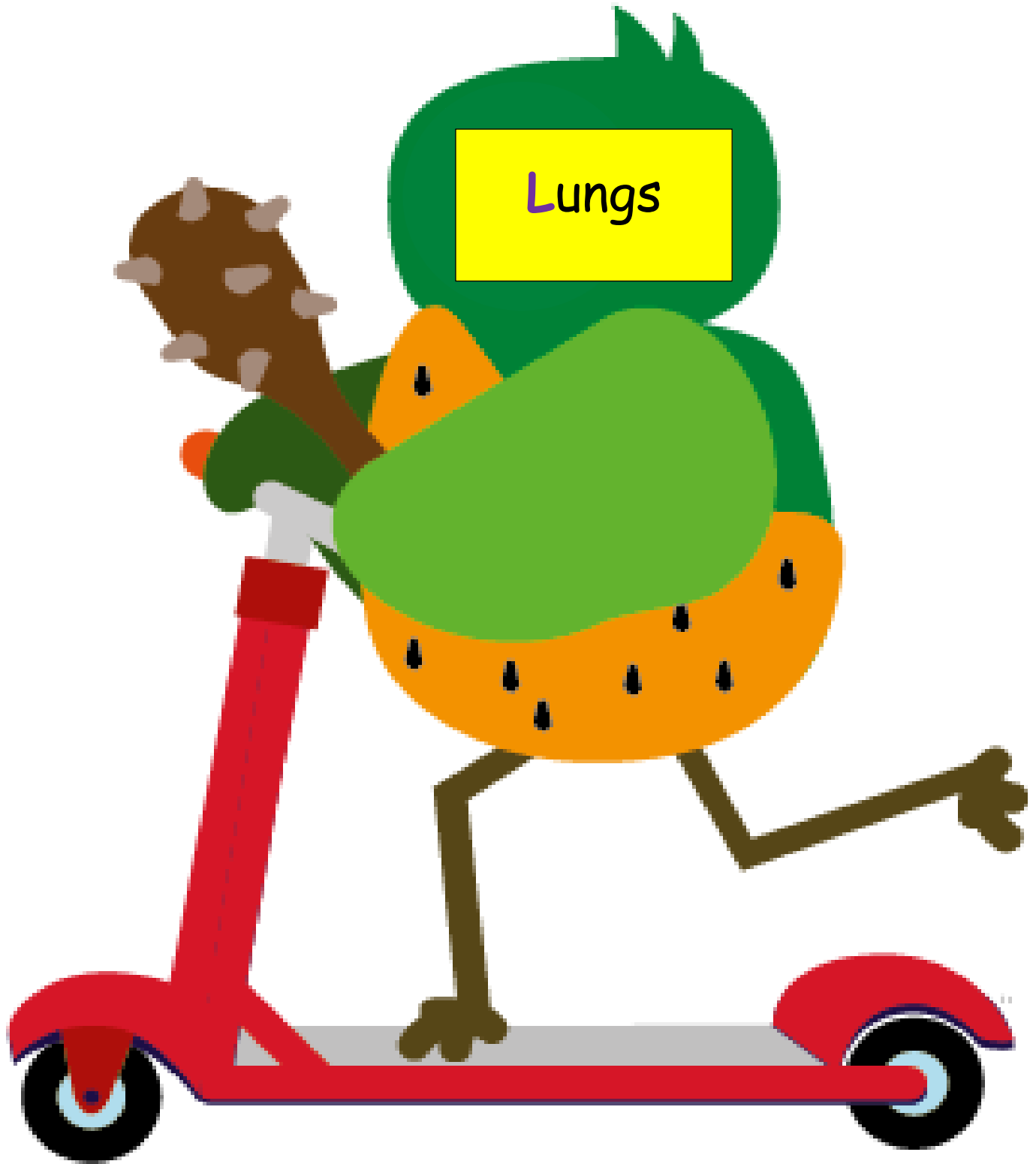
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Umbrella,
raincoat & wellies



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