Lower Primary Bike Safety: Maths Links

Teaching 2D shapes can also be integrated with bike safety, as many of the signs students see on and around the roads provide great examples of 2D shapes. A couple of ways you can use this in your class are:

'Which sign am I?' challenge

Introduce the concept of signs to students, and ask why we have signs and what they do. Work through the attached 'Safety Signs' power point, which looks at different signs around the road, why we have them and asks students to guess the mystery sign. This uses information such as the number of sides and corners and the 2D shape of the road sign. They can create a 'which sign am I?' for a friend by completing the template provided and sticking a paper flap over the sign to keep it a mystery.

2D shape road sign worksheet

Students can complete this worksheet as part of their mathematics focusing on 2D shapes. It uses road signs and asks students to identify them as 2D shapes and also their meaning when seen out on the road.

Additional Activities

- A 'treasure hunt' when going to and from school- how many of the signs can you see?
- Provide students with outlines of shapes and ask them to turn them into different road signs by colouring them in then describing them.

RAC
For the better

- **Mathematics: Shape-** Describe and draw two-dimensional shapes, with and without digital technologies ACMMG042

- **Health and Physical Activity: Being Healthy, Safe and Active-** Strategies and behaviours that promote health and wellbeing ACPPS018
- **Health and Physical Activity**: **Contributing to Healthy and Active Communities-** Actions that keep people safe and healthy in and outside the classroom ACPPS022

What Sign am I?

Stick a paper flap over your picture here

Draw your sign here

I have _____ **corners**

I have _____ **edges**

I am a _____ **shape**

On the road, I tell people

Name:

2D shapes and bike signs

When you're riding your bike, you need to look out for and follow signs. Signs can be lots of different shapes. Answer the questions about the following signs below.

	How many corners does this sign have? _____ How many edges does it have? _____ What shape is this sign? _____ What does this sign mean?
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