

Learning Activity II

- Footy Shapes -



Year Level:
Foundation – Year 2

Learning Area: Mathematics
Strand: Geometry

Learning Area:
Science (Physical Sciences)
Strand: Science Understanding

Learning Area: The Arts (Visual Arts)
Strand: Sharing artworks through performance, presentation or display

Learning Focus

Students identify the different shapes associated with one or more of the various football codes (Australian Rules, Rugby League, Soccer) and compare the different shaped balls used in each sport.

Sequence of Content

Foundation Year students:

- Sort, describe and name familiar two-dimensional shapes and three-dimensional objects in the environment (**Mathematics - ACMMG009**)
- Develop an understanding of how the way objects move depends on a variety of factors, including their size and shape (**Science - ACSSU005**)

Year 1 and 2 students:

- Recognise and classify familiar two-dimensional shapes and three-dimensional objects using obvious features (**Mathematics - ACMMG022**)
- Describe and draw two-dimensional shapes, with and without digital technologies (**Mathematics - ACMMG042**)
- Develop an understanding of how A push or a pull affects how an object moves or changes shape (**Science - ACSSU033**)

Foundation, Year 1 and 2 students:

- Create and display artworks to communicate ideas to an audience (**Visual Arts - ACAVAM108**)

Learning Intention

We are learning to:

- Identify the different shapes associated with Australian Rules, Rugby League and Soccer.
- Compare the different shaped balls used in each of these sports.

Success Criteria

I can:

- Identify and draw the different shapes associated with Australian Rules, Rugby League and Soccer.
- Compare the different shaped balls used in each of these sports.



Activity

Students identify and draw a collage of the different shapes associated with one or more of the various football codes (Australian Rules, Rugby League, Soccer) and compare the different shaped balls used in each sport.

1. As a class, brainstorm the different shapes students think can be identified in a game of Australian Rules, Rugby League and Soccer (ie. oval, circle).
2. In small groups, students view one or more images of a game of Australian Rules, Rugby League and Soccer and identify the different shapes visible in the image or images.
3. Students describe the key features of each the shapes and draw each of the shapes.



Students create a footy-themed collage using the different shapes. Students could draw the shapes or use a range of digital or non-digital images to create the collage

Resources

Teachers can source images from various digital and non-digital sources. Teachers can also use images from the website of their respective footy code.

- Australian Rules (Australian Football League) www.afl.com.au
- Rugby League (National Rugby League) www.nrl.com
- Soccer (A-League) www.a-league.com.au

A collection of different sized footballs from one or all the different football codes.

Extension Activity

As a class, compare the different shaped balls used to play Australian Rules, Rugby League and Soccer.

- What shapes are each of the different balls?
- What are the shapes of the balls used in other sports?

As a practical activity, set-up an outside space for students to kick, bounce, throw and catch the different balls and include different sized balls.

- Discuss the difference between each of the different shaped and sized balls when performing each of these skills.
- How does the shape and size of a ball affect how its moves?

Additional Teacher Notes and Resources

Teachers can access game highlights to watch by searching the website of their respective footy code under 'Videos'. These can be used to identify the shapes in each of the sports as well as to highlight how the different balls move and bounce.