

# Lesson Plan

## QUADRILATERALS

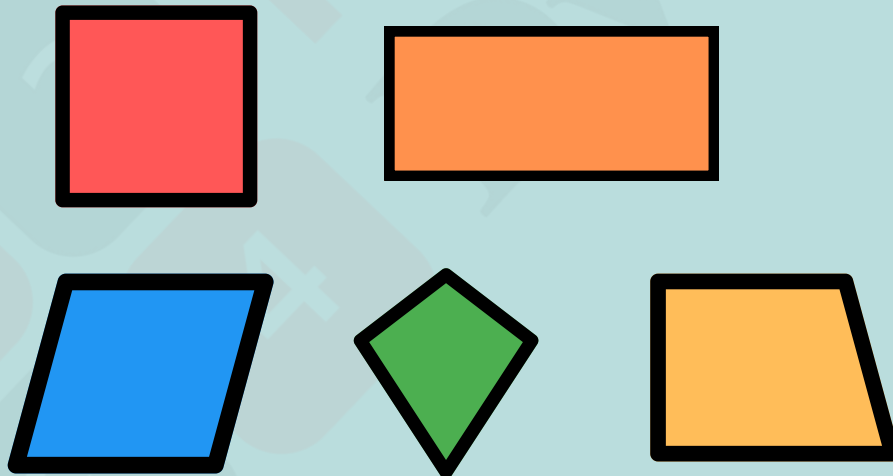
Subject: Mathematics

### Objective:

- To introduce the quadrilaterals
- Children will be able to identify the quadrilaterals

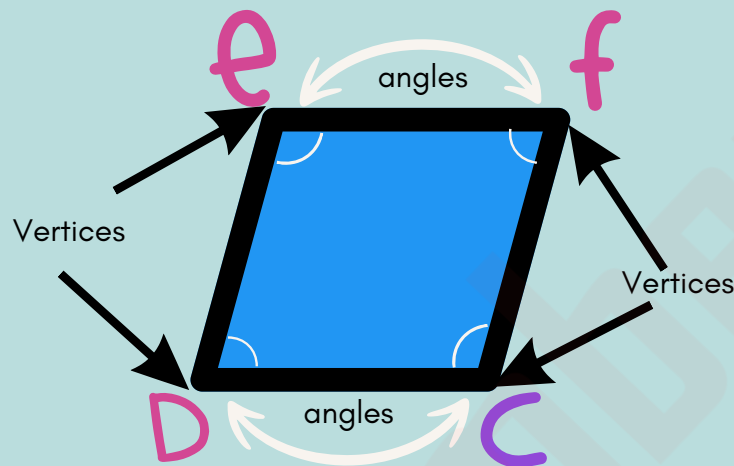
### Lesson:

Let us start by showing few pictures of quadrilaterals like square, rectangle, rhombus, kite and trapezoid . Show the below images to the children.


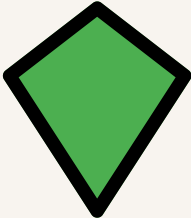


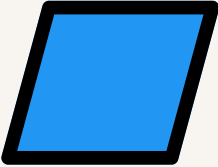
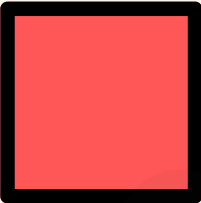

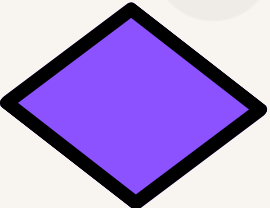
Ask children the names of these. As they are in process in learning these shapes it is okay if they are unaware of all the names, help them with the names. Moving on from names, next question to ask is whether they can see any similarity between all these shapes. Give them hints and once it is established that they all have four sides, let us now introduce the term QUADRILATERALS.

"Quadri" means four and "lateral" means side. The definition of quadrilaterals goes like "A polygon having four sides, four angles and four vertices. Let us take an example:

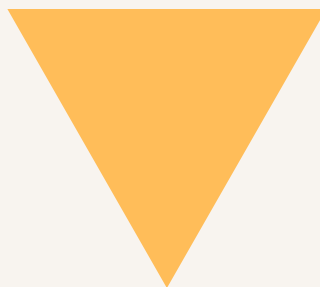


In the above example, c,d,e and f are four vertices and angles. Now, to make this more engaging, let children draw 1 or 2 quadrilaterals. Once that is done, let us have a look at the properties of some of the quadrilaterals:

Types	Figure	Properties
	Trapezium	<ul style="list-style-type: none"> <li>• One pair of side is parallel</li> </ul>
	Kite	<ul style="list-style-type: none"> <li>• Adjacent sides are equal.</li> </ul>

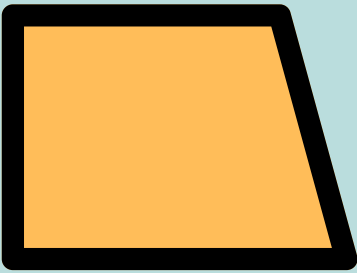
Types	Figure	Properties
	Parallelogram	<ul style="list-style-type: none"> <li>• Opposite sides are equal.</li> <li>• Opposite sides are parallel.</li> </ul>
	Square	<ul style="list-style-type: none"> <li>• All the sides are of equal measure.</li> <li>• The opposite sides are parallel to each other</li> </ul>
	Rectangle	<ul style="list-style-type: none"> <li>• The opposite sides are of equal length.</li> <li>• The opposite sides are parallel to each other</li> </ul>
	Rhombus	<ul style="list-style-type: none"> <li>• All the sides are of equal measure.</li> <li>• The opposite sides are parallel to each other</li> </ul>

# Circle the quadrilaterals



# WHO AM I ?

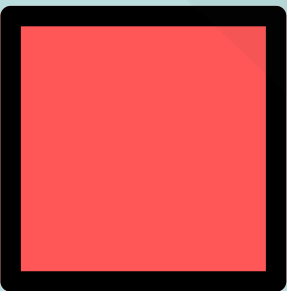
Read the riddle given. Identify and write the name of the quadrilateral and match with its correct shape.



My opposite sides are equal and parallel.  
Who am I?



I have one pair of side which is parallel  
Who am I?



My adjacent sides are of same length  
Who am I?