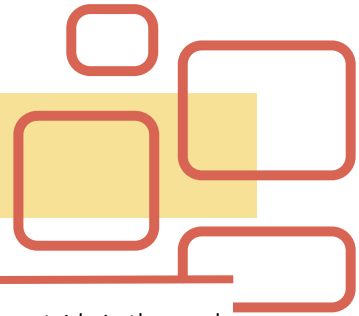




STEAMERS

# LESSON PLAN



Who knows what is a detective? Who wants to be a detective? Who is willing to do the lesson today outside in the yard and being a detective at the same time?? :)

## Summary

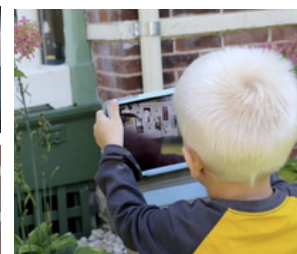
<b>Date</b>	xxx	<b>Total duration</b>	40 min
<b>Subject</b>	Using Technology to identify shapes		
<b>Year Group or Grade Level</b>	Year Group: 4-6		
<b>Main topic</b>	Detective Hunt to Find Shapes - Recognizing shapes around us		
<b>Subtopics or Key concepts</b>	<ul style="list-style-type: none"> <li>Using tablets effectively</li> <li>Being able to access specific applications</li> <li>Analyse a shape to determine where to find it</li> </ul>	<ul style="list-style-type: none"> <li>Learning to identify shapes</li> <li>Learning the basic colours</li> <li>Learning basic functions (take photo, save, retrieve)</li> </ul>	

## Learning Objectives

- Students should demonstrate Knowledge in using technology (tablets), analyse what the ORIGINAL photos are, and comprehend what they should do (how to actually find the same shapes and take a photo)
- Analysing the ORIGINAL photos in order to guess where to find the shapes
- Demonstrate knowledge of using tablet
- Recognize Shapes and Colours
- Comparing ORIGINAL photo with the one taken

## Material needed

- Teacher PC / Projector / Electronic Whiteboard
- Tablets / Smart Phones



## Lesson Outline

	Duration	Guide	Remarks
warm-up	3 minutes	Who knows what is a detective? Who wants to be a detective? Who is willing to do the lesson today outside in the yard and being a detective at the same time?? :)	start by asking them these questions to make them enthusiastic and eager to listen what you are up to....
	2 minutes	Detective Hunt to Find Shapes - Recognizing shapes around us	Introduce the topic and Activity Title. The students can be split into groups of 2 max 3
main activity	5 minutes	Hand out the tablets and basic usage instructions	Make sure they know how to take a photo and save it
	20 minutes	The teacher should go around the yard to find different shapes of objects. A square, circle, triangle and rectangle. You should take about a dozen photos of shapes that you will find around the yard and store them in an album on the iPads or have them displayed in the class projector Triangles are usually the hardest to find but you can find them in spokes of the cars and bikes. You can find squares and rectangles in porch railing and skirting. Circles are everywhere for example on bells on their bikes, the ends of hoses, wheels of the million toys we have. Students should then take the iPad around the yard to find those shapes. Once they find it, they should switch over to the camera app to snap a photo of it. Then they have a collection of both the teacher photos and their photos to compare the two!	
assessment	10 minutes	returning back to the classroom to check the ORIGINAL photos with the ones the students took	

## Assessment exercise

- The students should be assessed on the accuracy of their photos, if they managed to find the shapes indicated but also how close their actual photos were with the ones that the teacher had as ORIGINALS.

## Conclusions and recommendations

This lesson can be modified in a various of ways:

- For example depending on the amount of tablets/smart phones, students can work individually or in groups of 2-3.
- The teacher can introduce the shapes and allow the students to find and take photos of their own objects
- The teacher can emphasise at the beginning of the lesson that the photos taken should be exactly (zoom level) as the ones that were shown in the beginning of the lesson so as to identify how observative the students were.