

# Individual Activity Lesson Plan

<b>Date:</b> Wednesday 29 <sup>th</sup> April 2020	
<b>Activity Title:</b> Popping Bubbles - One Less Than	
<b>Learning Intention:</b> to find one less than an amount.	<b>Activity Overview:</b> Join in with a fun bubble game and find one less than a given amount .
<b>Links to EYFS:</b> Mathematics: finds one more or one less from a group of up to 5 objects.	
<b>Resources:</b> *Commotion in the Ocean – video link: <a href="https://www.youtube.com/channel/UCn9Kx_D9nnBpQQ02txlssg-A?view_as=subscriber">https://www.youtube.com/channel/UCn9Kx_D9nnBpQQ02txlssg-A?view_as=subscriber</a> *Washing up liquid & water ( or bubble mix, if you have it available) *A bubbles wand (create your own using a pipe cleaner or paper clip) *	<b>Key vocabulary:</b> Less, more, fewer, count, how many? number, number line,

## ACTIVITY IMPLEMENTATION (including key questions)

### Introduction:

- \*Watch/recap today's focus story – *Commotion in the Ocean*.
- \*Can you count the number of bubbles on each page?
- \*Explain to your child that you are going to work together to make your own bubbles .
- \*Follow the instructions to create your own bubble mixture.

**Makes** 350ml

**Prep** 5 minutes

- 50ml washing-up liquid (one part)
- 300ml water (six parts)



1. Measure the washing-up liquid into a container, such as a jam jar or glass bottle.
2. Slowly add in the water, being careful not to create too many bubbles at this stage. Gently stir the mixture together to combine – a chopstick is perfect for this.
3. If you can, let the bubble mixture rest before using it, as it will make your bubbles even better.
4. When you're ready, dip your bubble wand into the mixture and start blowing bubbles!

\*You can create a bubble wand using a pipe cleaner, paper clip or straw.

**(Glycerine** can be found in the baking section of most major supermarkets and can be added to the bubble mixture to make it more stable. We found that adding 1 tbsp glycerine to the recipe above made our bubbles last much longer.)

### Main Activity:

#### Part 1

- Once your bubble mixture is ready and has rested, now it's time to blow some bubbles!
- Have fun blowing and popping the bubbles and then invite your child to stop and watch as you blow a set of bubbles and then, slowly and clearly, pop just one bubble with your finger.
  - ★ *What did I do to the bubbles?*
  - ★ *How many bubbles did I pop?*
  - ★ *If I pop one bubble does that mean that there are more bubbles or fewer bubbles? Why?*

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- Discuss with the children that when you pop one bubble, that means that there is one less bubble.
- Attempt to blow a small number of bubbles that can be counted easily. Say the number of bubbles, for example, "There are three bubbles."
  - ★ *If I pop one bubble, there will be one less bubble. How many bubbles will there be?*
  - ★ *What is one less than three?*
- Pop one bubble and count the remaining bubbles.
  - ★ *How did you know that one less than three is two?*

## Part 2

- Open up the **Popping Bubbles PowerPoint** and explain to your child they are going to practise saying the number that is one less than an amount of bubbles.
- Work through the PowerPoint with your child and, on each slide, encourage them to count the bubbles and say the number that would be one less, if 1 bubble was popped.
  - ★ *How many bubbles are there?*
  - ★ *Can you find this number on the number line?*
  - ★ *If one bubble is popped, will there be one less? What is one less than ...?*
  - ★ *Can you find this number on the number line? What do you notice about the two numbers?*
  - ★ *When a bubble is popped, are there more or fewer bubbles?*



## Challenge :

Take it in turns to roll a dice and say the number which is one more and one less than the number rolled.

### Additional ways to support your child:

If your child finds the concept of finding one less challenging, use practical resources to support. Gather a set of counting objects e.g. toy cars and lay out a small amount. Take one away and repeatedly model the language 'I had x. I have taken one away and now I have one less. I have x'.

### Extension:

Invite your child to record finding one less, by writing a calculation. If you had 3 bubbles and popped 1, this would be recorded as:

$$3 - 1 = 2$$