

Teacher/ Adult's Side (1)

Liverpool Biennial

KS1 Maths - Counting in the Garden

The learner will count, add, and subtract, thinking about Jorgge Menna Baretto's practice with plants to help them.

Estimated time = 20 minutes

Curriculum Extract

Pupils should be taught how to:

- Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs
- Represent and use number bonds and related subtraction facts within 20
- Add and subtract one-digit and two-digit numbers to 20, including zero
- Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations and missing number problems



Jorgge Menna Baretto, *Mauvaise Alphabet* (2021)

Children / Learner's Side (2)

Liverpool Biennial

KS1 Maths - Counting in the Garden

Artist: Jorgge Menna Baretto

LB2021 Project: Jorgge Menna Baretto is a land artist, looking at how growing and eating can shape the landscape. Jorgge Menna Baretto has collaborated with a local mural artist and Liverpool John Moores University students on the design of a mural. The mural sits outside of the Bluecoat Gallery and has images of drawings that the students made of weeds that they found on their walks around the city. The large and bright mural brings attention and eyes to often an overlooked but important part of nature, weeds.

Activity Instructions:

The Biennial festival this year has spent a lot of time thinking about the garden as a place to make, grow, slow down and be still, to watch decay and nature work in harmony.

Count - Count the harvest in the garden below, to see how much has grown.

Addition - Complete the additions to work out what fruits have been shared with us from other gardens.

Subtraction - Complete the subtractions to work out how many fruits we are sharing with others.



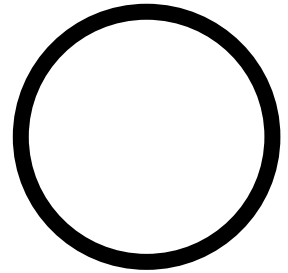
Jorgge Menna Baretto, *Mauvaise Alphabet* (2021)

Material List:

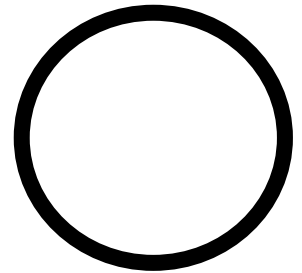
- Pen or Pencil

Want to do more like this? Have a look at our website: www.liverpoolbiennial2021.com/learn

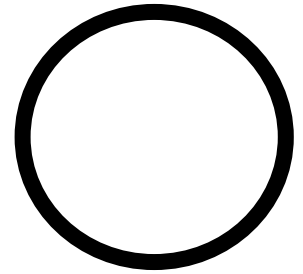
3 pears + 3 pears =



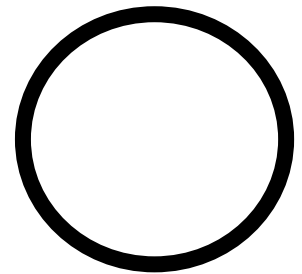
3 pears + 2 oranges =



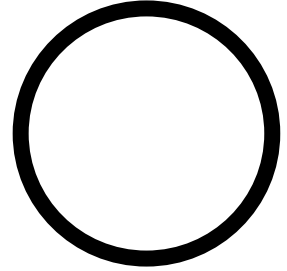
7 cherries - 2 cherries =



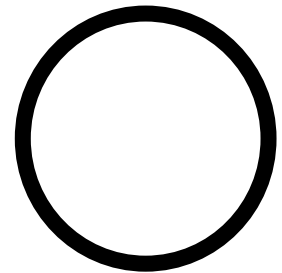
5 cherries + 1 orange - 1 pear =



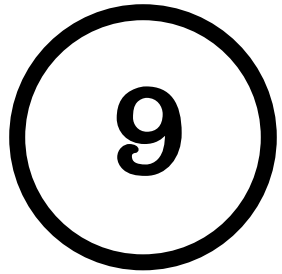
$$6 + \begin{array}{c} \text{pear} \\ \text{pear} \\ \text{pear} \\ \text{pear} \end{array} =$$



$$\begin{array}{c} \text{orange} \\ \text{orange} \\ \text{orange} \\ \text{orange} \end{array} - 3 =$$



$$\begin{array}{c} \text{cherry} \\ \text{cherry} \\ \text{cherry} \\ \text{cherry} \\ \text{cherry} \\ \text{cherry} \end{array} + \bigcirc =$$



$$\bigcirc 8 - \begin{array}{c} \text{pear} \\ \text{pear} \end{array} =$$

