

Teacher/Adult's Side (1)

# Liverpool Biennial




Unlock the Title - KS1 Maths

The Learner will use a code to uncover the title of one of the artworks of Liverpool Biennial 2021.

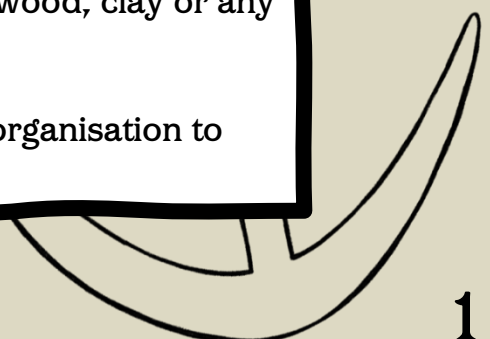
Estimated time = 40 mins

## Curriculum Extract:

Number - addition and subtraction:

- Read, write and interpret mathematical statements involving subtraction (-) and equals (=) signs
  - Represent and use number bonds and related subtraction facts within 20
  - Add and subtract one-digit and two-digit numbers
  - Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as  $7 = \_ - 9$ .
  - Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
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## Key Terms:

- **Code** - A set of symbols (such as shapes, letters or numbers) used to represent secret meanings.
  - **Sculpture** - A sculpture is an artwork that is made by carving, modelling or placing materials together to create a 3D (three dimensional) object. They can be made out of stone, wood, clay or any other material the artist wants to use!
  - **Public** - Something that is open for everyone to see.
  - **Commission** - When an artist is asked by a person/organisation to create an artwork.
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Children/Learner's Side (2)

Unlock the Title - KS1 Maths

Material List:

- Pen or Pencil

Artist:

Rashid Johnson

Liverpool Biennial 2021 Project:

There is a newly commissioned public sculpture on Ganning Dock along Liverpool's waterfront, created by artist Rashid Johnson. The sculpture is developed from a series that he has been working on called 'Anxious Men'.

Look at the picture of the sculpture. What do you think it is made from? What shapes can you find within it? How big is it?

Use your ideas to help you think about this question: what do you think the title of the sculpture will be?

# Liverpool Biennial



## Activity Instructions

Work out the subtractions to discover the title of an artwork on display in Liverpool Biennial 2021. The title is made up of 2 words - there are 7 letters in the 1<sup>st</sup> word and 5 letters in the 2<sup>nd</sup> word. Can you find them all?

1. First, find the answers to the subtractions.
2. Then, use the code to find the letters that are represented by the numbers. Write this letter next to your number in the subtraction.
3. Once you have found all the answers, you will have the letters to unlock the title of the artwork that can be seen at Ganning Dock on the waterfront of the city centre.

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

# Liverpool Biennial

Unlock the Title - KS1 Maths

Use the code below to help you unlock the title of the artwork.

a	b	c	d	e	f	g	h	i	j	k	l	m
1	2	3	4	5	6	7	8	9	10	11	12	13

n	o	p	q	r	s	t	u	v	w	x	y	z
14	15	16	17	18	19	20	21	22	23	24	25	26

## First Word

Number      Letter

$25 - 6 = \square \rightarrow \square$

$60 - 40 = \square \rightarrow \square$

$30 - 29 = \square \rightarrow \square$

$15 - 12 = \square \rightarrow \square$

$20 - 9 = \square \rightarrow \square$

$35 - 30 = \square \rightarrow \square$

$46 - 42 = \square \rightarrow \square$

## Second Word

Number      Letter

$13 - 5 = \square \rightarrow \square$

$75 - 70 = \square \rightarrow \square$

$19 - 18 = \square \rightarrow \square$

$29 - 25 = \square \rightarrow \square$

$30 - 11 = \square \rightarrow \square$

Now write out the words below, with all of the letters you have found in the correct order, to create the artwork title.

Artwork Title:

\_\_\_\_\_