

# Year 5 Home Learning Grid – Week beginning 4<sup>th</sup> May 2020

## Maths

Complete the tasks on Times Table Rockstars

**Extend:** Complete the times table grid puzzle  
<https://nrich.maths.org/5573>

**LO: I can use column addition and column subtraction.**

Computer-based activities

**Consolidate:**

<http://www.harcourtschool.com/activity/elab2004/gr3/3.html>

Use this interactive tool to build confidence with regrouping. Try adding numbers where the ones column would add together to make more than 9.

Roll a dice to generate random questions. Use this website to help you answer them.

**Core:**

Go to BBC bitesize, watch the videos and complete the activities about addition and subtraction.

<https://www.bbc.co.uk/bitesize/articles/zfdpnr>

**Extend:**

Complete these missing number activities.

<https://classroomsecrets.co.uk/free-year-5-add-more-than-4-digits-iwb-addition-and-subtraction-activity-2/>

Non-computer based activities

**Consolidate:**

Create a step-by-step poster to explain how to complete column addition and/or subtraction.

## English

### Reading

Read the beginning of the short story and make a prediction about the ending.

Read at least 20 minutes per day, either your own books or on Bug Club.

### Spelling

Complete the spelling tasks on Spelling Shed

### Writing

Read the article about the #clapforcarers and look at the photos on Newsround. Think about what you have heard about or seen for yourself in your local area.

<https://www.bbc.co.uk/newsround/52484994>

<https://www.bbc.co.uk/newsround/52008734>

**Produce a news report to describe the event where you live.** This BBC Bitesize link will help with the key features of a news report.

<https://www.bbc.co.uk/bitesize/articles/zkn3bdm>

**You could choose to either:**

- Write a newspaper article about the event.
- Create a video news report of what has happened.

## Science

### Make Your Own Quick Sand

Quick sand is a fascinating substance, make some of your own and experiment on a safe scale. Amaze your friends by demonstrating how it works.

#### What you'll need:

- 1 cup of cornflour
- Half a cup of water
- A large plastic container
- A spoon

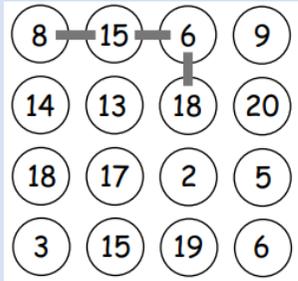
#### Instructions:

1. This one is simple, just mix the cornflour and water thoroughly in the container to make your own instant quick sand.
2. When showing other people how it works, stir slowly and drip the quick sand to show it is a liquid.
3. Stirring it quickly will make it hard and allow you to punch or poke it quickly (this works better if you do it fast rather than hard).
4. Remember that quick sand is messy, try to play with it outside and don't forget to stir just before you use it.
5. Always stir instant quicksand just before you use it!

**Core:**

Join 4 numbers and add together. Here the total  $15 + 6 + 18 = 47$ .

Find the highest possible and the lowest possible score.



them is 8 + score

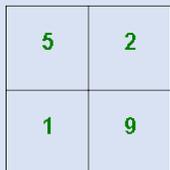
**Extend:**

Imagine you are in the shoes of a carer who hears the clapping. Consider how you would feel and write a statement from them to include in your report.

**What's happening?**

If you add just the right amount of water to cornflour it becomes very thick when you stir it quickly. This happens because the cornflour grains are mixed up and can't slide over each other due to the lack of water between them. Stirring slowly allows more water between the cornflour grains, letting them slide over each other much easier. Poking it quickly has the same effect, making the substance very hard. If you poke it slowly it doesn't mix up the mixture in the same way, leaving it runny. It works in much the same way as real quick sand. We call this type of fluid, a non-Newtonian fluid! It works with custard powder too!

**Extend:** Can you find four 2-digit numbers which add together to make exactly 100?



You must fill the boxes with four different numbers which gives you four 2-digit numbers. These are 52 (reading along the first row) 19 (reading along the second row)

51 (reading down the left hand column)

29 (reading along the right hand column)

Here the total is 151. Can you create a box with a total of exactly 100?

**RE**

**Introduction to Islam**

<https://www.bbc.co.uk/bitesize/articles/zkvgcqt>

Read the article and watch the videos to get an understanding of the Islam.

Show your understanding of the religion in either a poster, comic strip, explanation video or fact file.

**History**

Look at the photos of the historical artefacts. What do you think our next topic will be?

Make some predictions about these artefacts.

Consider these questions to prompt your thinking:

- What were they used for?
- How important do you think they are/were?
- Do we use them now or do we have something else?

**Art**

Sketch a picture of the view from your house or window or sketch what you can see from a place in your house.

Sit still and calm and focus on what you can see and where things meet. This will help you with the scale. You could use shading to show light and dark.



## *Me Again*

FIRST HE PEERED over the peeling white courtyard door. Then he came through it and across the gravel, and sat down beside me on the wooden bench.

'Me again,' he said.

'So I see,' I replied. He was wearing a crisp, white shirt and rather baggy, old-fashioned grey shorts, and looked as pale as apple blossom.

'I mean,' said the boy, 'do you believe in ghosts? Really?'

'You asked me that before,' I said.

'And you said "yes but no" and "I'm not sure" and "it depends".'

'Well, have you ever seen this yard in moonlight?' I asked him.

The boy nodded. His hair was dark as old oak and shining, the same as mine before it turned grey.

'Roses glimmering, gravel shining,' I said. 'It looks ghostly all right.'

'I don't mean that.'

'And then people sometimes pretend to be ghosts,' I said. 'Especially at Hallowe'en. Kids chalk their faces and dress up, or drape sheets over their heads, and moan and groan.'

