

## School Closure Daily Planning- **Crystal** Class

DATE	Reading	Writing	Mathematics	Topic
Wednesday	<p>Using The Hero Twins - find 5 unknown or interesting words.</p> <p>Complete 3 vocabulary grids with the headings: Word, Meaning, Image, Context.</p> <p>Use a dictionary to help you or ask an adult.</p>	<p>Find out about Frederick Catherwood.</p> <p>What can we learn from the drawings of Frederick Catherwood?</p> <p>Name: ..... Date: .....</p>	<p>All – White Rose Maths – Pounds and Pennies</p>	<p>PE inside or outside- Spend at least 30 minutes being active.</p> <p>Our focus this term is athletics.</p>

- 5 Amir has a note in his pocket.  
Annie has three coins in her pocket.



Do you agree with Dora? \_\_\_\_\_  
Explain your answer. \_\_\_\_\_

- 6 Kim has four coins.
- The coins add to a multiple of 10
  - The total amount is more than £1
  - All the coins are silver.
  - The total is less than £1.50
- a) Which four coins could Kim have? \_\_\_\_\_

- 7 Mo has this money.



Decide whether Mo's statements are true (T) or false (F).  
Circle your answer and give a reason for your choice.

a)  You can make an amount greater than £11. T F

b)  You can make exactly £1.50 using three coins. T F

c)  You can make exactly £2.02 using four coins. T F

d)  You can make exactly £6.11 T F

- b) How many different combinations can you find? \_\_\_\_\_

## Skill

### Standing Start

A good start in a sprint race can be the difference between winning and losing. It is important to practise and refine your starting body position to get you the most efficient start.

#### Skills Practice

Measure out 10m and mark this distance with a cone. Do not run further than the cone when you are practising your standing start.  
Remember - you are only practising the sprint start and **acceleration phase** (building up speed).

Try to keep your body position low during the acceleration phase.

Practise taking off from your left and your right by placing the opposite knee behind the line and following the same instructions.



'Get set...'



'Go!'



#### Technique

'On your marks...'

Place one foot forward, just behind the line and one foot back, shoulder-width apart.

'Get set...'

Bend the knees and lean forwards.

Lift both heels off the ground ready to push off.



Synchronise your arms with your legs, so that your left foot and right arm are forward or your right foot and left arm are forward.


'Go!'

Push off with both feet to accelerate powerfully, bringing your back leg through first.

Drive your arms and legs quickly.



			<div>Challenge</div> <div><a href="https://nrich.maths.org/186">https://nrich.maths.org/186</a></div> <div></div> <div><a href="https://nrich.maths.org/142">https://nrich.maths.org/142</a></div> <div></div>	
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			 <div>Charitable Pennies</div> <p>Every year 15 schools take part in a charity fund raiser. Children from the schools donate pennies which are then collected up and sent to the charity.</p> <p>Mo works for the charity and receives the donations from the schools.</p> <p><b>Challenge 1</b></p> <p>In 2018 the charity received a total of £1440. Mo noticed that their records show that 15 payments were made (1 from each school), payments were received on 8 different dates, and the same total amount was received on each of those 8 dates.</p> <p>Find two different ways that this could have happened.</p> <p><b>Challenge 2</b></p> <p>In 2019 the charity again received exactly £1440, Mo noticed that if the 15 payments were arranged in order from smallest to largest, the amounts went up in equal steps.</p> <p>Find three different ways that this could have happened.</p> <p><b>Challenge 3</b></p> <p>Mo wondered if in 2020 the patterns they had noticed in 2018 and 2019 could both occur at the same time. In other words that the total received on each of the 8 dates are equal, the 15 different payments go up in equal steps and the total amount received is £1440 again.</p> <p>In how many ways can this be done? How do you know?</p>	
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Websites for additional work:

[https://en.wikipedia.org/wiki/Frederick\\_Catherwood](https://en.wikipedia.org/wiki/Frederick_Catherwood)

<https://www.twinkl.co.uk/resource/t2-h-4128-frank-catherwood-mayan-civilization-explorer-lesson-teaching-pack-powerpoint>