Morning everyone, it's the second month of 2021 already! I hope you are all well and have had a lovely weekend. Today we begin another week of learning tasks - please remember to submit all tasks that you complete, or attempt ☺

Please remember, the work set is a reflection of the work you would have been completing in class. Therefore, please ensure that the work you submit is also a reflection of the standard you would have produced in class.

Emotional well-being   Children's Mental Health Week

This week is Children's Mental Health Week. The theme this year is 'Express Yourself'. The aim is to express yourself in a variety of ways. This could be sharing your feelings, thoughts and ideas through creativity – you could express how you feel through a piece of artwork or writing, or through a performance such as dance or drama.

Expressing yourself doesn't mean that you're the best at something, it's all about finding a way to show other people who you are and how you feel. It's about showing how you see the world and finding a way to 'express yourself' which feels good to you. Expressing yourself in a way that's unique to you is a great way to improve mental wellbeing.

Today, try to express yourself through poetry – an acrostic poem (attached). Make the 'Express Yourself' poem all about you.

Time for prayer and reflection   Dream Team

Today, our focus is on team and teamwork. Being able to work individually is important and a skill that we practise regularly at school, but working as a team requires us to use different skills.

Please continue to read about today's reflection focus on the attached sheet where there I also a video to watch.

Time to reflect: *How do you show concern for your friends? Can you think of a time when your friends have showed concern for you?*

Dear God,
We are thankful for the team that is our school community. Let us show concern for our friends and other team members just as the shepherd demonstrated concern for his sheep in the parable.
**Amen**

Maths   Maths Revision Challenge

Today I would like you to complete a Maths challenge based on things you have previously learned.

In the grid attached you will find 31 boxes, each with a different calculation to be answered.

Please answer on a separate sheet – write the question numbers and then your answer.

Remember to check your answers – even if you feel confident!
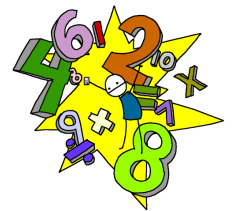
English: Reading

Spend another 30mins (minimum) reading a book of your choice quietly – or aloud if you'd like to. If you haven't completed the book that you began reading after Christmas, then I would like you to try to complete it this week. If you're done and onto another, that's great!

Today I would like you to create a new dust cover for the book you are reading; include a new front cover, a title for the spine and a blurb to explain what the book is about.

English: Writing

Today you are going to revisit the Hurricanes text you looked at on Thursday.
This text is an example of a non-chronological report – an information text. I would like you to look at this slightly differently today and identify the features of a non-chronological report to begin to create a checklist for your own writing. Think about the structure of the text and then the language features (tense, vocabulary, language, person, etc) – pick out the features and highlight examples of those things you add to your checklist. You can either annotate the text or name the feature and copy parts from the text as examples.

Our Curriculum   How safe is Antarctica?

Today I would like you to investigate our topic debate question:
Is Antarctica the safest place to live on Earth?
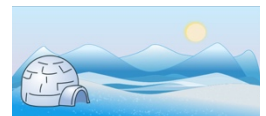
When you research this, you will be likely to find a number of articles relating to Coronavirus. Although you may mention this, I don't want Coronavirus to be the focus of your answer. Please begin by using the knowledge you have gained and researching points for and against how safe it is living in Antarctica – find as many different reasons as you can. Then decide, from the points you have listed, if you agree or disagree that Antarctica is the safest place to live on Earth. Write a paragraph to explain your point of view and use your research to support your answer – this should be roughly half a page.

Emotional well-being

Express Yourself

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Time for prayer and reflection   Dream Team

What is the definition of the word 'unity'? The dictionary defines unity as 'being united or joined as a whole.' This is a great definition of working together. A choir that is 'joined as a whole' means that the voices blend to create harmony, players in a sports team that are united know what each other is going to do without needing to shout instructions to each other.

The Bible states *'Behold, how good and pleasant it is for brothers to dwell together in unity! … For there the Lord commanded the blessing'* **(Psalm 133, NKJV)**. So, the Bible is emphasising that it is good when people live together in unity. But unity doesn't happen naturally. It is something that we need to work at, a choir that is full of blessed singers doesn't necessarily mean that they sound good when they sing together. They need to listen out for each other, making sure their voice isn't louder than anyone else's. A football team made up of blessed footballers doesn't mean they automatically make a good team. But to watch a great team or listen to a good choir is certainly something to behold.

One animal that we are going to learn more about in our thought for the day this week is one that feels at home in a large group, and that is the humble sheep. Sheep and shepherds are mentioned in the Bible over two hundred times, and we can learn a lot from the humble sheep about teams and teamwork.

Watch the following video: https://www.max7.org/en/resource/lostsheep

In the book of Matthew, Jesus told this parable emphasising how important each person is to God. He's like a great shepherd who cares after all of his sheep. The parable is also a great example of what we need in order to be a good team. A good team shows concern for each other, like God demonstrating His concern for us. If any of us were lost, we would want our team, that is our friends and teachers to come and find us.
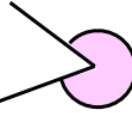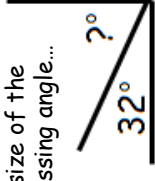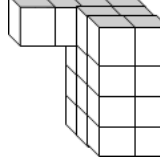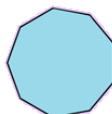
Maths

Monday Maths Challenge

Monday Maths Challenge

1 Calculate
10 - 2 × 4

2 This £30 shirt has 20% off in the January sales. How much do you save?

3 How many lines of symmetry does this shape have?

4
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   98
 + 97
 ____
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5 Round 3956 to the nearest 100...

6 Calculate the size of the missing angle...
32° ?°

7 Alison went to a shop to return a Christmas gift. She joined the refund queue at 10-46 am. She got to speak to a shop assistant at 11:17 am. How long did Alison wait in the queue?

8 Sara has a bank balance of £15. She uses her bank card to buy an item costing £12 and then buys another item for £9. What will her new balance be?

9 Which of these are multiples of 3?
16, 24, 36, 44, 51

10 What is the name of this shape? How many sides does it have? How many vertices?

11 Write 1101 in words

12
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  463
- 189
 ____
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13 State the type of angle and it's range...

14 The temperature at midnight was -2°C. By morning, it rose by 8°C. What was the temperature in the morning?

15 Simplify the fraction below...
$\dfrac{14}{21}$

16 Which of these are equivalent fractions to $\frac{1}{8}$?
$\dfrac{2}{14}$ $\dfrac{3}{24}$ $\dfrac{4}{40}$ $\dfrac{5}{45}$ $\dfrac{6}{48}$

17 Solve the equation below...
$3x = 33$

18 Calculate the area of this shape...
4 cm

19 Using the vocabulary of probability describe the outcome of the following event...
It will snow every day in January.

20 List ALL the factors of 30...

21
```
7386
×   4
____
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22 Calculate
$\dfrac{2}{3}$ of 18

23 What is the name of this 3D object? How many faces does it have?

24 Change 402 centimetres into metres.

25
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      ____
5 ) 7 3 9 0
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26 Chris is walking north-east. What direction is on his right?

27 Calculate the perimeter of 1 cm this shape...

28 Paula's new year's resolution is to get more exercise. Here are her lap times around a training circuit;
Lap 1 = 3 mins 38 secs
Lap 2 = 5 mins 26 secs
How long did she run in total?

29 Write down the next two numbers in the sequence below...
20, 14, 8, 2, …

30 What is the volume of this shape...
1 cm

31 Calculate;
600 ÷ 50

English   Non-Chronological Report

Hurricanes

Reading comprehension

What is a hurricane?

A hurricane is a giant tropical storm that produces both heavy rainfall and powerful winds. Hurricanes form over warm ocean waters in tropical areas near the equator. The warm, moist air above the ocean surface rises, which causes air from surrounding areas to be sucked into the storm. This "new" air then becomes warm and moist and rises, which begins a continuous cycle that forms clouds. If there is enough warm water to feed the storm, a hurricane forms!

The centre of a hurricane is called the 'eye' and the hurricane rotates around it – the eye is usually calm with no cloud. The eye of a hurricane can be anywhere from 2 miles (3.2 kilometres) in diameter to over 200 miles (320 kilometres) but they are usually around 30 miles (48 kilometres).

The strongest winds, thickest clouds and heaviest rain are found in the eye wall, which surrounds the eye. This is the most dangerous part of the hurricane, which causes the most damage.

Where are hurricanes formed?

They are formed out at sea and if they remain at sea they tend to be harmless. As they move towards land, storms begin to become a potential hazard and could cause damage and harm. As hurricanes travel over land, they lose strength.

UNITED STATES OF AMERICA

How powerful are hurricanes?

Hurricanes can move incredibly fast and the spiralling winds are classed as category 1 when they reach a speed of 74mph (miles per hour). The higher the category, the more powerful the hurricane. Category 5 hurricanes consist of storms with sustained winds over 156 mph. When a hurricane reaches land, it often produces a "storm surge". This is when the high winds drive the sea toward the shore. This causes water levels to rise causing large crashing waves. Storm surges can reach 6m high and extend to over 150km, which can cause serious damage.

Did you know?

In the southern hemisphere, hurricanes rotate in a clockwise direction, and in the northern hemisphere they rotate in an anti-clockwise direction. This is due to the Coriolis Force, which is produced by the Earth's rotation.

Why do hurricanes have names?

Hurricanes are given names by the World Meteorological Organisation (WMO) so that they can be distinguished. Tropical storms are named in alphabetical order every year.

Hurricanes in North America

The Atlantic hurricane season runs from 1st June to 30th November, with the peak period from early August through to the end of October. They are common in the Atlantic basin (this includes the entire Atlantic Ocean, the Caribbean Sea, and the Gulf of Mexico). Hurricanes in the basin can impact areas inland all along the south east coast of America and the Caribbean islands.

A typical year will bring 12 tropical storms to this area with sustained winds of 39 mph. Typically 6 of these 12 storms turn into hurricanes with winds reaching 74 mph or greater, and 3 will become major hurricanes termed category 3 or higher (sustained winds of at least 111 mph).