



Bishop Wood C of E Junior School

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Mr G Stanley, Headteacher

10th July 2020

Dear Parents,

Welcome to Summer Term Week 12 activities for Y4 Pupils- the last one before the holidays! It being the last week of term, and with many of you now back in school, we've cut down a little on the number of tasks in the pack.

- English – a vocabulary lesson, a punctuation exercise, and a chance for you to write your End of Year report on us!
- Maths – some lessons on logic problems.
- Geography- finding out where in the world some famous rivers and volcanoes are.
- RE- an activity to revise all we've learnt this year about Christianity, Hinduism and Sikhism.
- PHSE- an activity to review how well you feel you've done following the Class Charter.
- Science- a review of this year's work.

All this work can be done in your Home Learning book, another book of your choice or as a word document. The email addresses are still active at

4H@bishopwood.herts.sch.uk or 4F@bishopwood.herts.sch.uk

We would like to take this opportunity to thank you for all your efforts at keeping up with the Home Learning. We are sorry the second half of Year 4 has been so disrupted, but hope you have been able to enjoy looking at some of the tasks in these weekly packs. We wish you and your children a restful summer holiday and every good wish as they now move on to Year 5.

Yours sincerely,

Mr Hall and Mrs Foley.



English

Day 1 To improve vocabulary choices.

'Nice' is one of the most over-used words in the English language. Teachers tend to see it a lot. It is a word to try and keep out of your writing as much as possible!

Task: Take a look at these 'nice' sentences. Re-write them, replacing 'nice' with a more descriptive word. You could use a thesaurus to help you.

1. What a *nice* T-shirt you are wearing today!
 2. This is a *nice* place to stay.
 3. Their dog is really *nice*.
 4. Is that a *nice* book you are reading?
 5. They have lots of *nice* DVDs for sale.
 6. Well done, that's really *nice* work.
 7. The team played some *nice* football.
 8. The room was *nice* and warm.
 9. That's a *nice* mess you've made!
 10. We spent a *nice* long time there on holiday.
-

Day 2 To punctuate writing using full stops and capital letters correctly.

When you are writing a story, it is very easy to get carried away with the content and forget completely about punctuating your work.

Task: read through the extract below and fill in the missing full stops and capital letters.

john didn't really like doing his homework very much he would rather do other things that he thought were more exciting like riding his brand new bike and playing games on his computer with his friends he used to really hate it when his mum constantly nagged him about doing the work sometimes he used to pretend he hadn't got any or that he'd left it at school that worked for a while then one day his mum went to the school and spoke to the teacher now she always knew when he was supposed to have some slowly he became better organised and started to quite enjoy getting good marks in the end he got a place at cambridge university and became a brain surgeon

Day 3 To write a report on Mrs Foley or Mr Hall

Have a look at the separate document, 'Report on my Teacher.' Give your honest feedback on the different lessons we've taught you this year, what we've done well and what we could do to improve. Do not be shy of making critical comments- we are not perfect and are always keen to improve for our next classes. But we do like to receive praise too! If a box refers to a subject that Mrs Foley or Mr Hall have not taught you, please just leave it blank.

Maths- L.O. To solve a series of logic problems

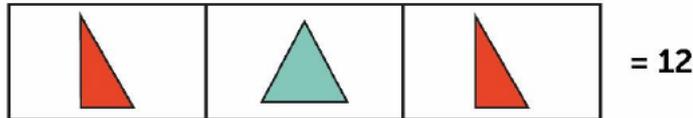
The last topic in the Y4 maths curriculum is logic problems. Logic problems are puzzles in which you have to use your reasoning and thinking skills to work out the answers.

Day 1-Sports Day logic puzzle

Have a look at the separate document, 'Sports day Logic Puzzle.' Unfortunately, we missed out on Sports Day this year, but these lucky children did not and had an exciting long jump competition. Can you use the clues to solve the problem of who finished in which place in the competition?

Day 2- To solve a logic problem to do with shapes

Look at this picture of triangles in which each type of triangle has a different value. The teacher has asked some questions in the blue speech bubbles and the children have responded in the orange ones.



What do you notice about the triangles?

There are two different triangles. Isosceles and scalene.

There are two of the red triangles.

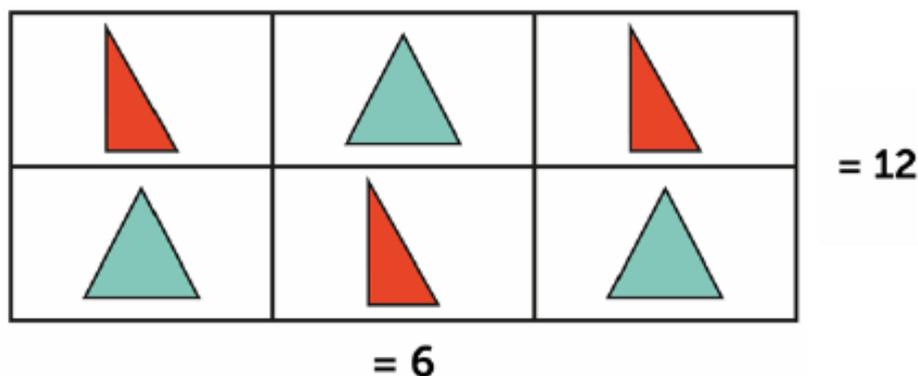
They add up to 12.

What could not the value each of the triangles be? Explain your thinking.

The red triangles can't be worth more than 6. Double 6 is 12. More than that would be too much.

Can you see that if the red triangle is 1, the blue one will be worth 10? If red=2, then blue =8. If red is 3, then blue =6. If red is 5, blue= 2. If red is 6, blue =0. Why can't red be 4?

See the diagram below for the second part of the problem. If the top row adds up to 12 and the middle column adds up to 6, what must the value of the two shapes be?



Can you see that the blue triangle =0 and the red triangle =6?

Work out the value of each of the quadrilaterals and the sums of every row and column.

				<input type="text"/>
				34
				<input type="text"/>
				<input type="text"/>
28	21	<input type="text"/>	<input type="text"/>	36

$$\begin{array}{ccccccc}
 \text{teal trapezium} & = & \text{orange parallelogram} & = & \text{red rectangle} & = & \text{yellow trapezium} & = &
 \end{array}$$

Task

Solve the problem above. Look at the total value of the diagonal line. You can use that to work out the value of the blue quadrilateral. Now use logic to work out the values of each shape and the missing total values of the rows and columns.

Challenge A

Choose one of the logic problems below and solve it.

Challenge B

Solve both of the logic problems below.

Challenge C

Use what you have learnt this week to set your own logic problem for other people in the class to try and solve.

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Step 4 Logic Nicknames

Lilia, William, Fiona and Tomaz are all in the same class. They each have a nickname. Their nicknames are Frazzle, Fizzy, Reidy and Bam Bam, but not in that order. Use the clues to find nickname of each of the friends.

Clues

- Tomaz plays football with Reidy and goes swimming with Fizzy.
- Lilia has been to the museum with Reidy but travels to school with Bam Bam.
- Frazzle, Reidy and Fiona play in the school hockey team.
- Frazzle sometimes goes to tea with Tomaz.

Using the recording sheet, mark with a cross if a clue shows a person and a nickname that do not match. For example, if Tomaz plays football with Reidy as it says in the first clue, then his nickname cannot be Reidy. We can place a cross there.

	Reidy	Frazzle	Fizzy	Bam Bam
Tomaz	X			
Lilia				
Fiona				
William				



	16:00	16:20	16:40	17:00	17:20	17:40	18:00
Monday	The Really Hungry Cooking Show	Hazard Rat	The Digger Diaries - Digging for Historical Treasures		What's News?	Keepy Uppies Football Latest	
Tuesday	The Really Hungry Cooking Show	Escape from Fort Manzi	The Lost Explorers	Weather Watchers	What's News?	Haunted House on the Hill	
Wednesday	The Really Hungry Cooking Show	Billy's War	Hazard Rat	School Rulz	What's News?	Ghosts and Ghouls	
Thursday	The Really Hungry Cooking Show	Nature Watchers - Under the Sea Special		The Joke's on You!	What's News?	Hazard Rat	Even Stevens - Superhero
Friday	The Really Hungry Cooking Show	Keepy Uppies Football Latest	Hazard Rat	School Rulz	What's News?	The It's The WKND Show	

Ned hates missing Hazard Rat.

He hates it when spooky programmes are the last thing he watches before tea.

More than 45 minutes for a programme is too long in Ned's opinion.

He'd like to be on The Really Hungry Cooking Show as a contestant.

He thinks School Rulz is extremely funny.

Ned is not too keen on Nature programmes especially when there are sharks featured.

He is a football player and fan so he likes to keep up to date with the Premiership news.

Which day is most likely to be Ned's favourite day of TV? Explain why you think so.

Which clues were helpful and which clues weren't?

Science- LO: To review my learning in science in Y4.

Look at the separate document, 'Science Review of the Year.' Think about the questions on the sheet and fill in the answers to help you review what you have learnt in Science in Y4 and how you might learn more next year.

Geography- L.O. To know the location of some well known rivers and volcanoes

around the world.

This year in Geography, we have learnt about how rivers and volcanoes are made. Look at the separate document, 'Famous Rivers and Volcanoes.' Using an atlas and/or the internet, research their location (where they are) and other facts. Fill in as much information as you can on the sheet.

RE- L.O. To review understanding of the 3 religions studied this year.

Have a look at the separate document entitled, 'Am I a Sikh, Hindu or Christian?' This contains lots of statements written by a follower of one of the three different religions we have studied this year. They are all jumbled up.

Your job is to work out which religion they go with. You could decide to cut the statements out and stick them in your book under one of three different columns headed with the names of the religion. Or, you could simply write S,H or C next to each statement. If a statement appears more than once, it goes with more than one religion.

PHSE- L.O. To review the past school year.

Look at the separate document, 'Class Charter Poster 2019-20.' This was 4H's class charter written by you all last Autumn. 4F's was very similar. There are a few new ideas at the end added when some of you returned to school last month.

Read through the charter and think about, discuss or record your answers to the following questions:

- Personally, which 5 items in the charter do you think you have been able to do well?
- Can you think of a 'for instance' to back up what you are saying?
- Are there 2 or 3 items that you think you've struggled to do?
- Why do you think this is?
- Can you think of any ideas for improving next year?
- Thinking about your class as a whole, what one thing have you really liked about being in 4F or 4H?
- As you now become 5C or 5DR, what one thing could you all do to try and make it even better next year?