

Home Learning Pack

Year 2

Week Beginning: wb 21.06.2021



Home Learning Links

Oak National Academy

Oak National Academy is an online classroom and resource hub. It provides high-quality video lessons and resources to support teachers, parents and pupils. www.thenational.academy

BBC Bitesize

With BBC Bitesize it is easy to keep learning at home. You can access regular daily lessons in English, maths and other core subjects.

https://www.bbc.co.uk/bitesize

Phonics English Hubs

Online phonics lessons for the Letters and Sounds phonics programme.

https://www.wandleenglishhub.org.uk/lettersandsounds

World Book Online

World Book online have just made their fabulous collection of over 3,000 e-books and audiobooks available for free for children to access at home. They have books suitable for all ages. Click on the following link to access them.

https://worldbook.kitaboo.com/reader/worldbook/index.html?usertoken=Mjk5MzQ6MTpJUjA5MjAxNjoyOmNsaWVudDE2OTc6MTY5NzoyMjE2Mjg4OjE6MTU4NDM4MDExMzA2Mjp1cw%3D%3D

Read Works.org

Read Works offers access to 3000+ comprehension for all age groups. Just sign up for a free account to access fantastic texts.

https://www.readworks.org/

Beanstalk

Beanstalk website is packed with lots of interactive materials for children aged 1 to 6. They are offering free access to all families during the COVID-19 pandemic. https://beanstalk.co/

Tutortastic

An online platform with tutorials and videos for home learning. https://www.tutortastic.co.uk/blog/homelearning

Education Quizzes

A series of short quizzes for children to complete related to the National Curriculum subjects. Just select KS1 for Reception, Year 1 & Year 2 and select KS2 for Years 3-6. https://www.educationquizzes.com/ks1/

Top Marks

A range of activities here but especially good interactive activities for maths. https://www.topmarks.co.uk/

Classroom Secrets

Classroom Secrets Kids is offering free access to everyone until the end of April 2020. The platform is aimed at primary aged children and covers subjects such as maths, reading, grammar and spelling. The platform is really child-friendly so that they're able to access it on their own. There are a load of games and interactive activities from phonics to SATs https://kids.classroomsecrets.co.uk/

National Geographic

National Geographic is a great platform for learning and it's totally free. There are online games, resources and competitions, too.

https://www.natgeokids.com/uk/teacher-category/primary-resources/

Reading eggs

Key Question Week 9: What's the way to Funky Town?

Key Text for Linked Learning: visual literacy - Shrek

Linked Learning: English, Computing, Music, Geography and PDW

In English, children will be focusing on editing and improving their own writing. The children will learn to recognise the difference between corrections and editing and improving their writing. Children will learn how punctuation (full stops, capital letters, question marks, exclamation marks, commas and apostrophes) plays a vital role in the structure of each sentence. Children will use strategies such as addition, omission, expansion, subordination, coordination and variation of sentence types to evaluate and improve their writing. In addition they will proof read their own work to check for spelling, punctuation and grammar. They will end the week by reading aloud their edited final piece with appropriate intonation to make the meaning clear. In Computing, children will begin to understand that algorithms are implemented as programmes on digital devices by beginning to build a model of a character from Shrek by exploring the programme Lego WeDo. In PDW, the children will be discussing and comparing the standards of living between Shrek and Fiona and will be linking this to UNICEF's Rights of a Child whilst also thinking about equality and fair treatment for all. In Music this week the children will compare music from the 80s (Funky Town from Shrek) with medieval music (Greensleeves), with a focus on tempo (speed affects your emotion), dynamics (volume), duration (length of the notes), timbre (sound quality). Children will consider why the film directors chose to use an 80s piece within a medieval setting. In Geography, children will edit and improve their map of Far Far Away by noting the location of Funky Town and key landmarks eg cliff, mountain, river, forest, hill, town, village etc and adding a symbol key to identify these physical landmarks.

Maths: This week children will apply their mathematical knowledge and understanding to investigate patterns. They will add 2-digit numbers, in a calendar format, noticing and identifying patterns that emerge. The children will count back in 4s to solve problems, using the strategy of trial and improvement to come to a resolution. Children will use inverse operations to create magic chains of numbers, using the skills of doubling and halving within multi-step problems. Children will explore their reasoning skills, developing their ability to explain how these are applied to solve a problem successfully, using a variety of methods. Finally the children will use their knowledge of the properties of 2-dimensional shapes, such as squares and triangles, to solve problems.

Science: This week the children will become familiar with a farm near the location of their school. They will understand the role farms play in the food chain and why they are important. They will also undertake several role plays of different jobs associated with farming.

History: Children will answer questions about the past by looking at historical sources, identifying the evidence that indicates that Shrek is set in the past, and noting which aspects of the film are more modern – giving reasons to explain their views.

Geography: See above

Computing: See above

Music: See above

Art: In Art, the children will continue their study of art forms made from malleable materials (clay). This week they will select tools (HB and 2B pencils) for sketching and will investigate the use of shape and form.

Design Technology: This week the children will review the design of their window, evaluating the effectiveness of the materials chosen to manufacture their windows and pop up characters with a sliding mechanism. After peer review, they will modify their designs and will re-manufacture to improve strength and durability of their product.

PDW/ R.E: See above

P.E: In athletics, children will combine all of the running techniques that they have been taught over the last 2 weeks and they will also practice breathing deeply and rhythmically. Using their running techniques, children will see how effective they are when racing each other. Children will also continue Tennis coaching once a week.

Vocabulary:

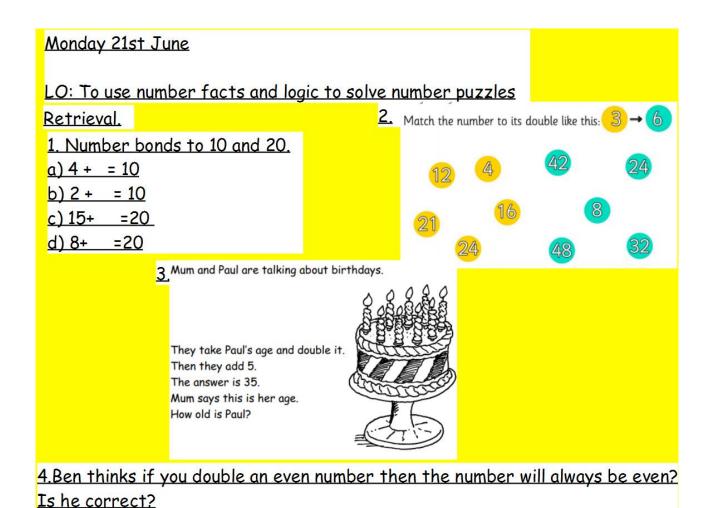
Knowledge, freebooting, hastened, remembrance, brigands, mingled, devotion, pneumatic, harnessed, punctuality.

Here is a list of the Year 2 spellings, which the children are expected to learn off by heart by the end of Year 2. They are stuck into the homework books but just in case you need a new copy.

Y2 Half Term 1	Y2 Half Term 2	Y2 Half Term 3	Y2 Half Term 4	Y2 Half Term 5	Y2 Half Term 6
after	again	any	bath	because	beautiful
behind	both	break	busy	child	sugar
class	Christmas	climb	clothes	children	plant
door	cold	even	every	eye	father
find	gold	grass	everybody	money	hour
floor	hold	great	half	most	improve
kind	old	many	move	only	prove
mind	told	pass	should	fast	Mr/ Mrs
poor	water	steak	could	past	parents
sure	whole	wild	would	last	people
more	while	who	good	pretty	path

Monday 21st June 2021

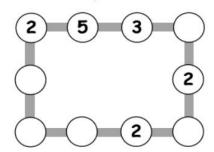
Maths:



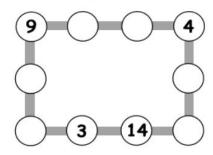
Input

Which number would be good to work out first and why?

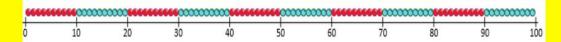
1. Make each line add up to 16.



2. Make each line add up to 20.



Make up your own puzzle like this. Ask a friend to do it.



Super Stars

Arrange counters on 5 plates to make given totals

Instructions

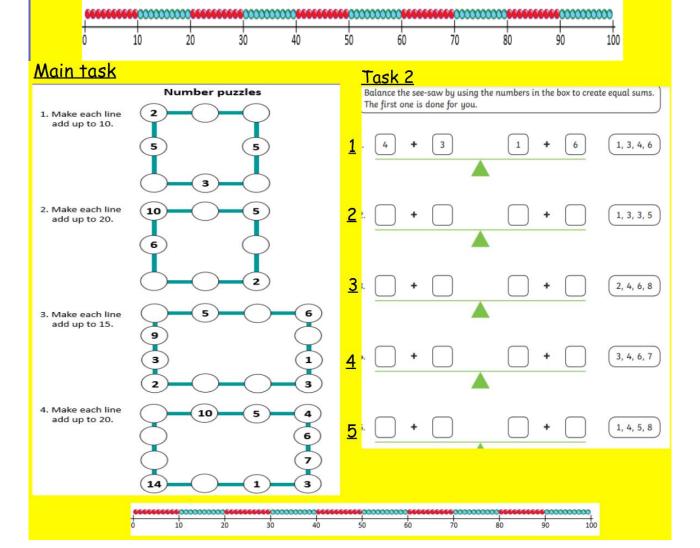
1. You have 20 counters to share on these plates.

Each line must have 15 counters in total. Children will work in pairs.

- 2. Now the children have 5 plates and 12 counters to share on them.

 Each line has a total of 8 counters.
- 3. Now try with 15 counters and 5 plates. Each line must have a total of 10.

Arrange 5 plates in a 'cross':



Mastery

Holly has six numbers, three 1s and three 2s. She also has lots of + signs, \times signs and = signs.

1 2 1 2 1 2

She is trying to make the biggest number possible. Here are some she tried.

First try	Second try
$1 \times 2 = 2$	1+2+1+2+1+2=9
$1 \times 2 = 2$	
$1 \times 2 = 2$	
2+2+2=6	

Can you beat Holly's score?

What if Holly had three 2s and three 3s?

Take ten cards numbered 0 to 9.



- Pick three cards with a total of 12.
 You can do it in 10 different ways.
 See if you can record them all.
- Now pick four cards with a total of 12.How many different ways can you do it?
- 3. Can you pick five cards with a total of 12?

English: Monday 21st June 2021

Handwriting

Capital: Vv

join: ill

V			
V			
ill			
still			

Can you use the correct homophone?

<u>Spelling and Grammar - Homophones</u>	
are 30 children in our class. the best class in the world	They're There Their
teacher is great.	Titeti
I like play spelling games	two
Have you got cakes?	too
I like cake	to
The is very choppy today. I can huge waves	sea see
Can you that dog barking?	here
I'll put your coat?	hear
It's warm today. What a class room.	quiet quite

Edit and improve or corrections

What different things might you do to edit and improve your work or correct your work?

corrections	edit and improve

What needs to happen to these sentences?

Edit and improve or correction?

1. shrek is a smelly grein ogre	Ε	or C
2. Fiona is an Ogre.	Е	or C
3. Donkey is a funny, hilarious, commical, jester like character.	Е	or C
4. oh no said shrek	Ε	or C
5. The gingerbread man ran.	Ε	or C
6. the fairy godmuver is mean	Е	or C
7. Pinachio is a wooden puppet.	Ε	or C

8. Dragon is a dragon.

Is there not enough information? Could you add addectives?

Could you add an expanded noun phrase?

Does it need Capital letters

Does it need a full stop?

Does in need an exclamation mark? Is there too much information?

Science

Monday 21st June

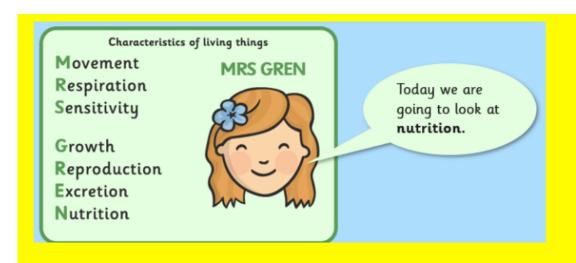
LO: To understand food chains and why they are important.

- To know the different parts included in a food chain.
- To know the order and label a food chain.

What is a food chain?

https://www.bbc.co.uk/bitesize/topics/zx882hv/articles/z3c2xnb





Why do living things need food?

Do all living things get energy their energy from one place?



I get my energy from cruncy, green grass.



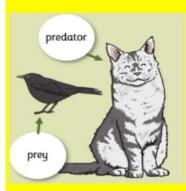
I get my energy from eating juicy zebras.



We get our energy from eating plants and animals.

So what do food chains start with?

Can you put these in order?



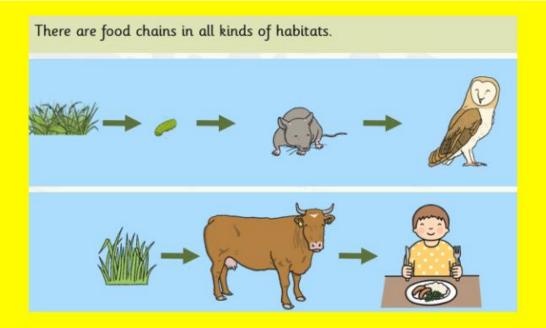
Each food chain starts with a green plant. Green plants are called **producers** because they **produce** their own food.



All animals are called consumers because they consume their food by eating plants and other animals.



Animals that eat other animals are called predators. The animals that they eat are called prey.

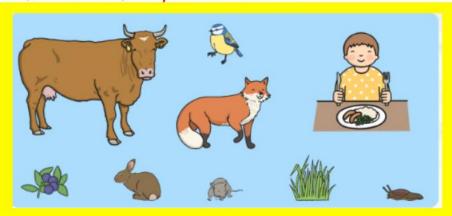


What do the arrows in a food chain tell us?

Create a food chain using these living things.

Rember to draw arrows and to label each part of your food chain.

Producer, Consumer, Prey and Predator.



Grass ==> Cow ==> Human

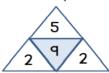
Tuesday 22nd June 2021

Maths

Tuesday 22nd June 2021

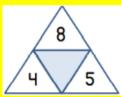
LO: To use number facts to solve arithmogans

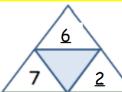
1 Here is a number puzzle.



The number in the middle is found by

- Multiplying the two bottom corner numbers together
- Then add on the top number





4.If emily has 16 gel pens. Sophie has 28 gel pens. How many more does Sophie have than emily?

2. Des has some oranges.

He packs them into boxes.

Each box holds 5 oranges.

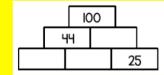


He fills 7 boxes.

He has 29 oranges left.

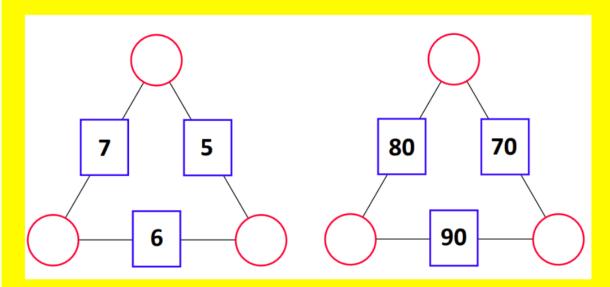
How many oranges does he have in total?

3. Complete this pyramid. The two numbers below added make the number above.



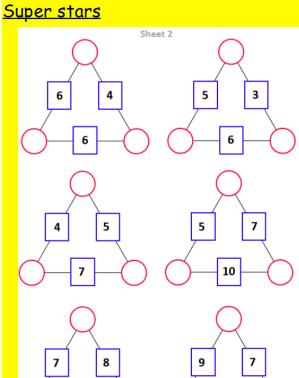
Starter/Input

Lets work through these example questions of the arithmogans.



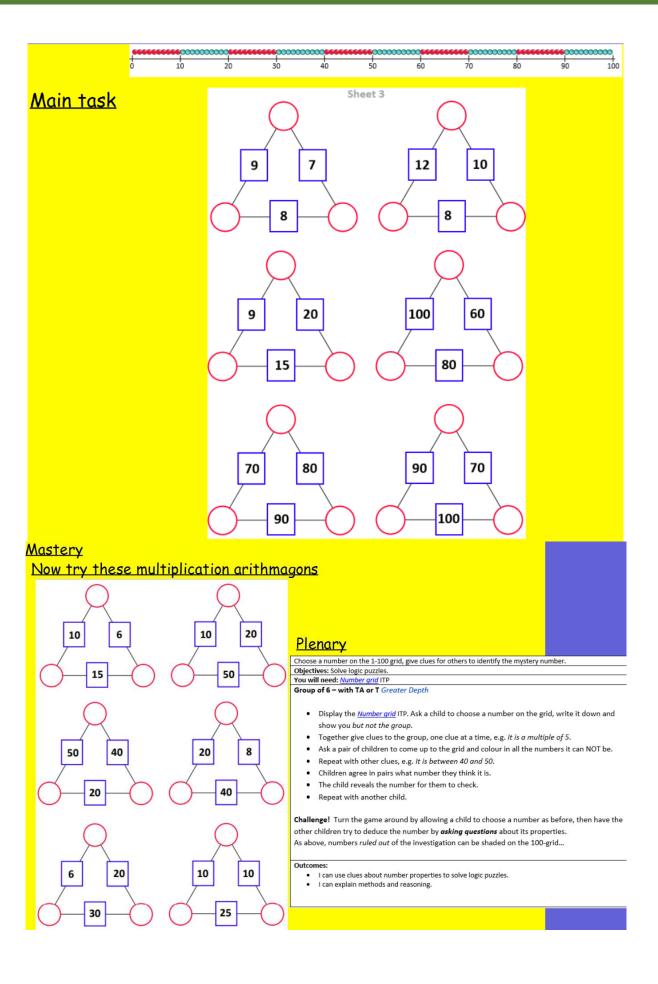
Arithmogan of addition puzzle
up to 20

Arithmogan of addition puzzle of multiples of 10



The squares are the answers to circles.

You will need to try and check different numbers to get the right answers which balance the triangles.



English Tuesday 22nd June 2021

Handwriting

Capital: Vv

join: sti

W			
W			
sti			
stick			

Spelling and Grammar - Homophones

I saw a great big The tress are in the winter.	bare bear
The shone brightly. My is 6.	son sun
He the gold cup. We have cat.	one won
I want to an explorer. The was buzzing loudly.	bee be
The wind strongly. Where is my hat?	blew blue
At, I go to bed. The rode to the castle.	knight

night

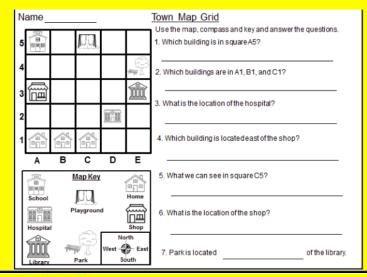
Geography

Tuesday 22nd June

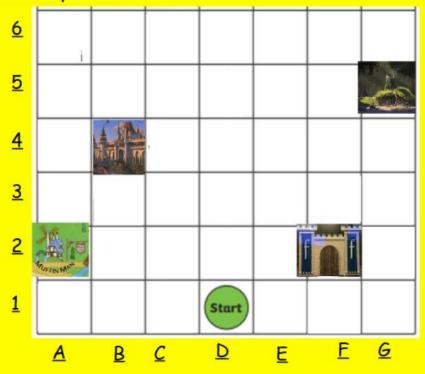
LO: To edit and improve our maps of far far away land.

- <u>To know the use of symbol key on maps.</u>
- To add key land marks to the maps.

Starter/input.



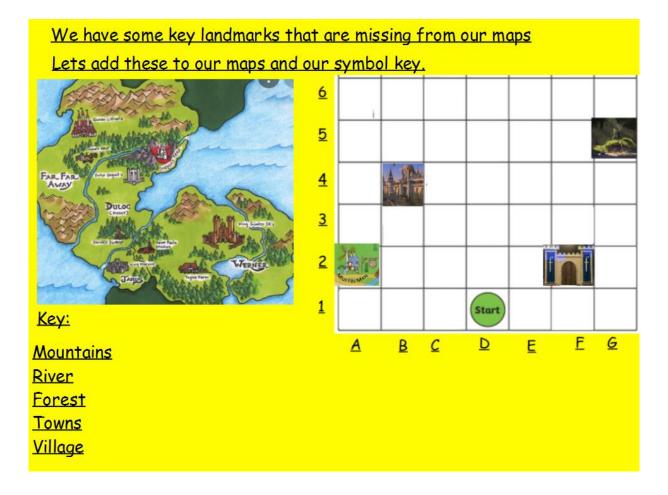
The far far away land.

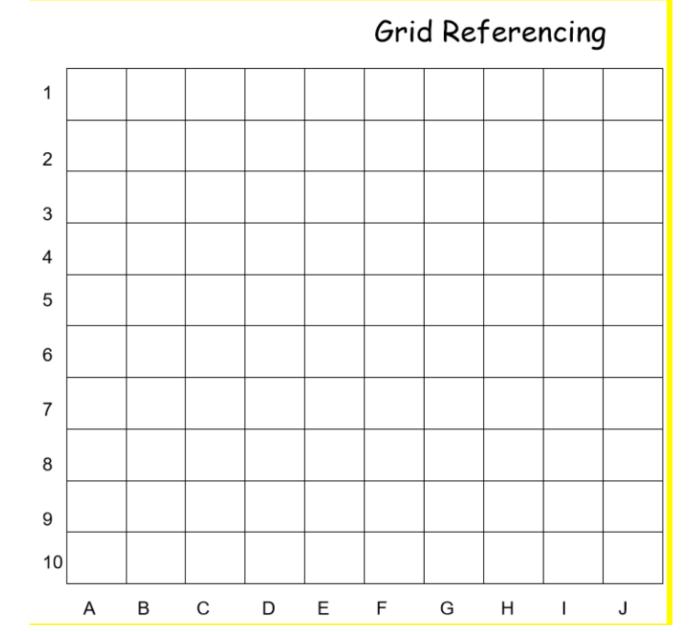


What are land marks?

What is a symbol key?

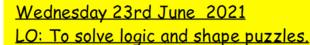




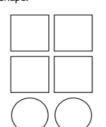


Wednesday 23rd June 2021

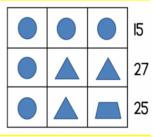
Maths:



What colour is each shape?
Write it on the shape.



2 In this diagram shapes represent numbers.
The sum of each row is shown at the side.
Find the value of each shape.



Clues

- Red is not next to grey.
- Blue is between white and grey.
- Green is not a square.
- Blue is on the right of pink.



Here is a sequence:



a) Ring the shape that would be next in the sequence:



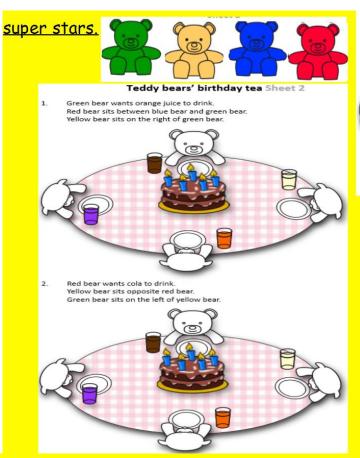
<u>Starter/input.</u>

The four bears are going to sit at this table for a birthday tea.

Lets follow the instructions.

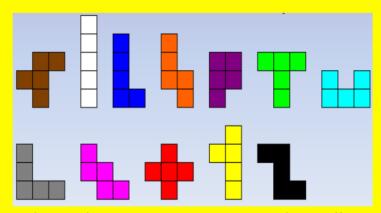
- 1. The blue bear sits opposite the green bear.
- 2. The yellow bear sits on the left of the blue bear.
- 3. The red bear wants lemonade to drink.







Main task



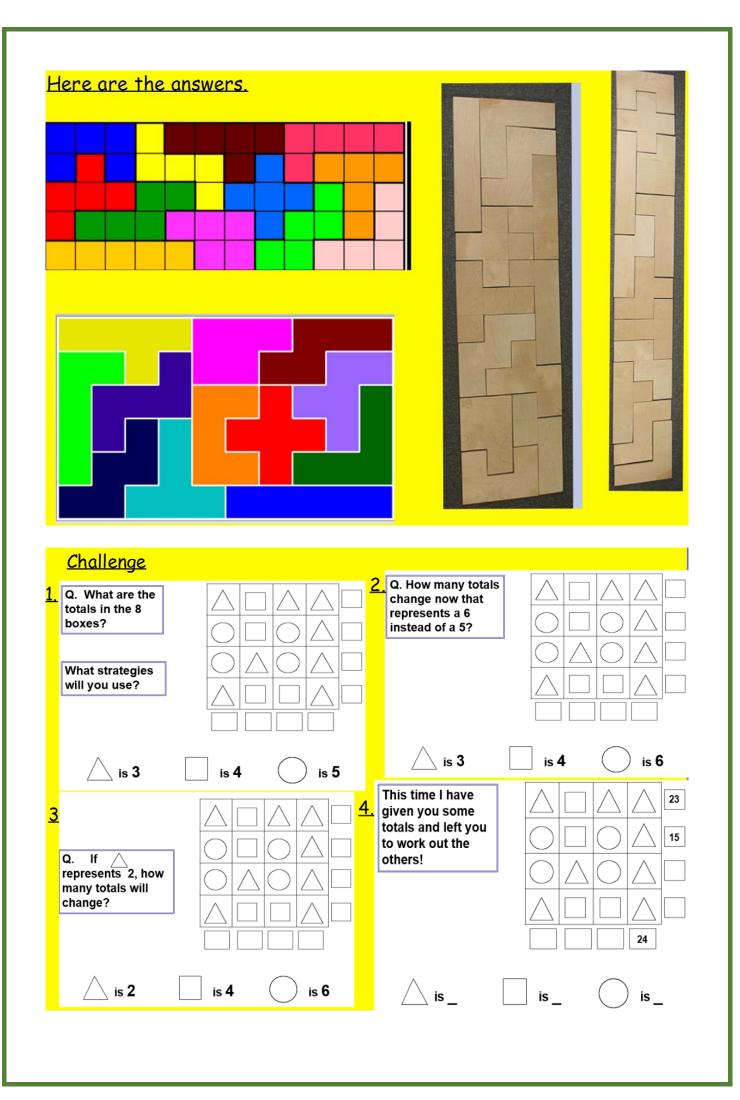
Using these shapes can you combine them all to make a rectangle or a cuboid.

You should be able to make at least 4 different sizes

There should not be any gaps

They can not overlap and there can not be any parts sticking out of the shape.

You must use all the shapes



Mastery

Choose a number on the 1-100 grid, give clues for others to identify the mystery number.

Objectives: Solve logic puzzles. You will need: <u>Number grid</u> ITP

Group of 6 - with TA or T Greater Depth

- Display the <u>Number grid</u> ITP. Ask a child to choose a number on the grid, write it down and show you but not the group.
- Together give clues to the group, one clue at a time, e.g. It is a multiple of 5.
- · Ask a pair of children to come up to the grid and colour in all the numbers it can NOT be.
- Repeat with other clues, e.g. It is between 40 and 50.
- · Children agree in pairs what number they think it is.
- The child reveals the number for them to check.
- Repeat with another child.

Challenge! Turn the game around by allowing a child to choose a number as before, then have the other children try to deduce the number by **asking questions** about its properties. As above, numbers *ruled out* of the investigation can be shaded on the 100-grid...

Outcomes:

- I can use clues about number properties to solve logic puzzles.
- · I can explain methods and reasoning.

English: Wednesday 23 rd June 2021 English:		
Handwriting	Capital: Xx join: ink	
Χ		
Χ		
ink		
pink		
On Munday I went to visit my muther and my bruther. There was nothing to eat in the house so I set off to see if my uther bruther had sum cakes. How many errors can you spot? rewrite these sentences with corrections.		

Editing and improving our work

corrections

fiona went for a walk in the wood -

Fiona walked into the forest looking for leaves for a project.

Fiona explore the forest searching for leaves for her project.

add better vocabulary

Fiona happily explored the wet, autumn forest searching for bright, colourful leaves for her project.

add adverbials and expanded noun phrase

Can you see how the sentences improve each time? We can improve our sentences by adding information, ommiting information, adding adjectives and making corrections.

Edit and improve these sentences

shrek is an ogre - Corrections

Shrek is green and big and humungous and grumpy and mean.

- Omit words and add puncuation.

Edit and improve sentences
donkey is funny
Donkey is very small.
Donkey is funny and hilarious and commical and short and furry and friendly.
Donkey has grey fur, he is hilarious when he tells funny jokes.

·

Science

Wednesday 23rd June

LO: To understand the different jobs on a farm.

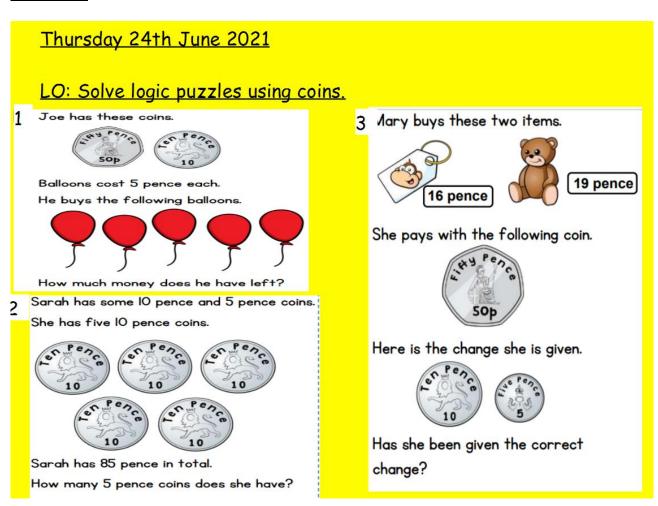
- To know the purpose of these job roles.
- To create a food chain with the farm animal with the correct labels.

What jobs do farms have? can you think of some. Mind map



Thursday 24th June 2021

Maths:



Starter/input

These four coins need to be arranged in a certain order according to the instructions:

- 1. The first 2 coins make a total of 12p.
- 2. The first coin is a double of the 3rd coin.
- 3. The 2nd and 3rd coin make a total of 7p.
- 4. The 2nd coin is double the value of the last coin.

Keep moving the coins around until you complete the 4 instructions.









Main task

Coin logic puzzles

Arrange these four coins in a row to match the clues.









- The first coin is worth 3p more than the second coin.
- 2. The first coin is half the value of the last coin.
- 3. The second coin is twice the value of the third coin.

Arrange these four coins in a row to match the clues.







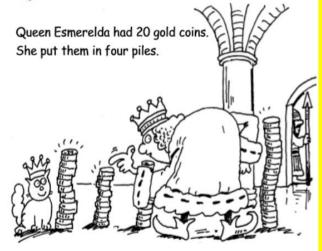


- 1. The first coin is worth double the second coin.
- 2. The second coin is worth double the third coin.
- The last two coins have a total of 7p.

Now choose how to line up four coins. Write your own clues for other children to guess your order of coins!

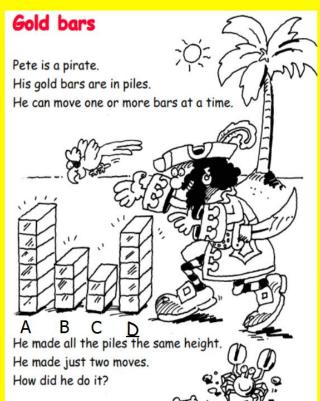
Mastery

Queen Esmerelda's coins



- ◆ The first pile had four more coins than the second.
- ◆ The second pile had one less coin than the third.
- The fourth pile had twice as many coins as the second.

How many gold coins did Esmerelda put in each pile?



English:

Thursday 24th June 2021

Handwriting

Capital: Yy

join: unk

Υ

U

unk

skunk

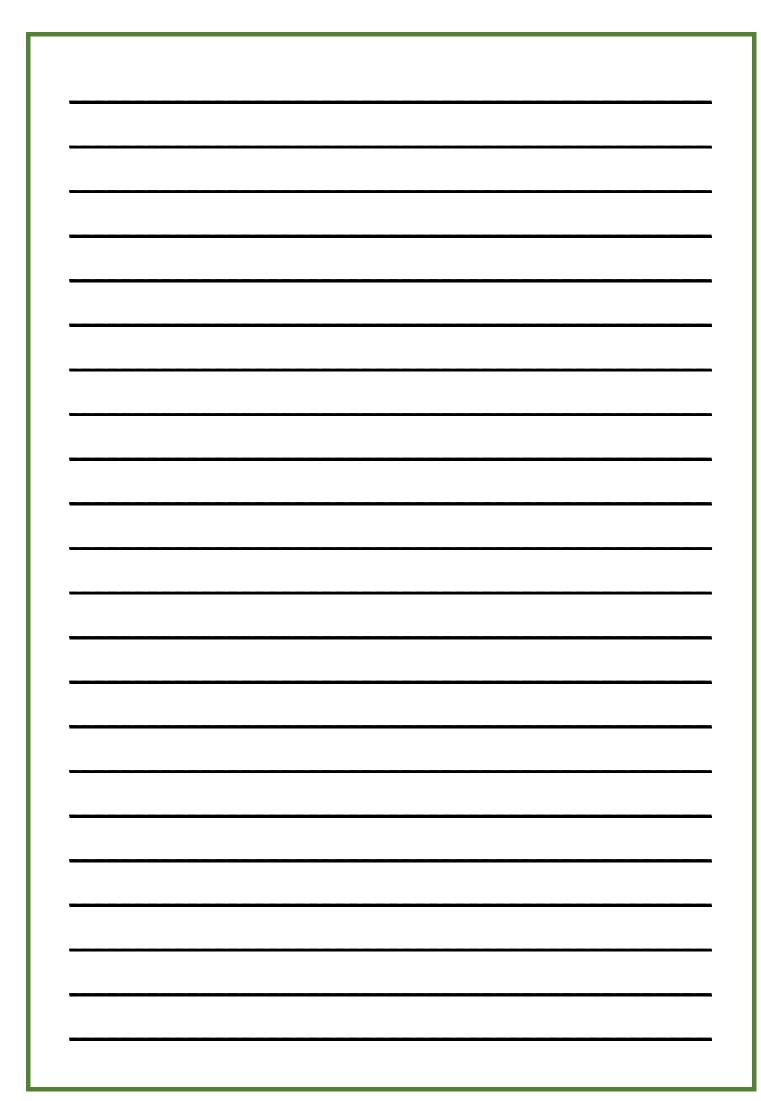
Spelling and Grammar

other	brother	
mother	nothing	
Monday	none	

Add sound buttons, what do you notice? Now pyramid spell these words:

example:

o th oth othe other



Using your 'Who am I?' writing from last week, rewrite this piece of writing thinking carefully about the structure of each sentence.

He lives in a swamp in the middle of the forest by himself. At first he appears to like being by himself and enjoys scaring people, but never hurts them.

He lives in a smelly, brown swamp, right in the middle of a thick, dense forest, all by himself. At the beginning he absolutely loved being by himself and he even enjoyed scaring people, but not once did he ever hurt anyone.

PDW

Thursday 24th June
To understand equality and fair
treatment

What does equality mean?

How can we relate equality to fair treatment?



What is the CRC?

UNICEF is the world's leading organisation for children and their rights.

In 1989, governments across the world promised all children the same rights by adopting the UN Convention on the Rights of the Child.

The rights are international law.

Most countries in the world have signed to make this domestic law in their country.





You have the right to the best health care possible, safe water to drink, nutritious food, a clean and safe environment, and information to help you stay well.

> Today we will be looking at article 24 and 24



You have the right to food, clothing, a safe place to live and to have your basic needs met. You should not be disadvantaged so that you can't do many of the things other kids can do.

The fair test discussion.

The smarties will be shared share un-equally between children. We discuss our feelings.

The one side of the class are given a penny each on side gets nothing. The smarties cost a penny each.

We changed our minds again only the adults can have the smarties and not the children. Lets discuss our thoughts.

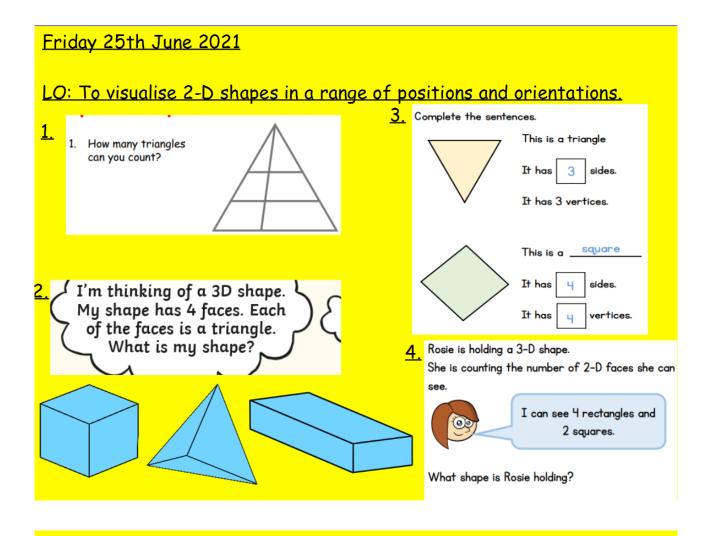


EQUALITY

Is equality and fair treatment the same thing?

Friday 25th June 2021

Maths:



Tangram are an ancient chinese puzzle made of 7 pieces.

These pieces are arranged to make pictures.

The challenge is to work out how it was done.



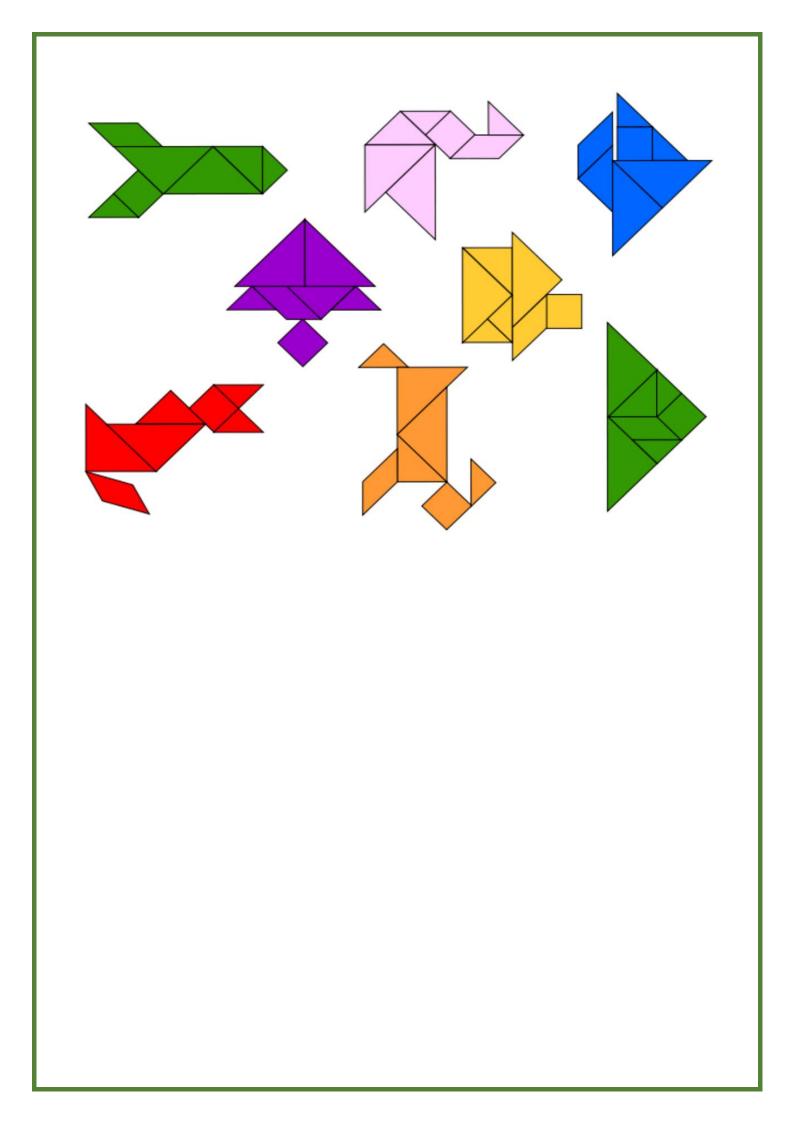
https://mathigon.org/tangram

Instructions:

Children will work in pairs.

Once they have created a shape using the pictures on the tables they can draw the shape in their books.

There are lots of different animals to create.



Enal	lish:
<u> </u>	

Friday 25th June 2021

Н	ar	d	\ \\	ri	it	in	a
	CCI						7

Capital: Zz

join: at

Z			
Z			
at			
flat			

Ask a family member to read this to you as you write it down.

Spelling and Grammar-Dictation

On Monday Shrek's mother told him she had other plan's for her brother. "Thats none of my business, nothing to do with me" exclaimed Shrek!

other	brother
mother	nothing
Monday	none

Perform your writing

Read your up levelled work from yesterday out loud, does it sound right? Is it clear? Does it show good fluency? When you are happy with your writing, ask someone to record you reading it out loud on a phone or iPad. Then tweet us your videos.

