



NORTH MEAD
PRIMARY ACADEMY

Home Learning

Year 4 – Week 6

Week Beginning 11/5/2020

Everyday Useful Websites

www.twinkl.co.uk/offer and enter the code UKTWINKLHELPS

<https://play.ttrockstars.com/numbots/trial>

<https://www.bbc.co.uk/bitesize/levels/zbr9wmn>

<https://www.mathletics.com/uk/>

https://beinternetawesome.withgoogle.com/en_us/interland

<https://ukhosted111.renlearn.co.uk/6712255/Public/RPM/Login/Login.aspx?srcID=s>

<https://play.ttrockstars.com/auth/school/student/39903>

<https://2simple.com/purple-mash/free-14-day-trial/>

<https://www.myon.co.uk/login/index.html>

<https://www.topmarks.co.uk/english-games/5-7-years/letters-and-sounds>

<https://whiterosemaths.com/resources/schemes-of-learning/primary-sols/>

<https://mathsbot.com/>

<https://www.123homeschool4me.com/home-school-free-printables/>

<https://www.3plearning.com/distance-teaching/>

Monday

Task 1



Fraction sequences
Maths worksheets from urbrainy.com



Here are some fraction sequences.
Can you fill in the blanks?

Each sequence increases or decreases by the same amount each time.

1. Write the missing numbers.

<input type="text"/>	$\frac{2}{6}$	$\frac{3}{6}$	$\frac{4}{6}$	<input type="text"/>
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2. Write the missing numbers.

<input type="text"/>	$\frac{4}{7}$	<input type="text"/>	$\frac{6}{7}$	$\frac{7}{7}$
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3. Write the missing numbers.

$\frac{2}{8}$	$\frac{4}{8}$	<input type="text"/>	<input type="text"/>	<input type="text"/>
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4. Write the missing numbers.

<input type="text"/>	$\frac{10}{7}$	$\frac{9}{7}$	<input type="text"/>	<input type="text"/>
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5. Write the missing numbers.

<input type="text"/>	$\frac{3}{9}$	$\frac{5}{9}$	<input type="text"/>	<input type="text"/>
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Task 2



nation, location, creation, education, situation, operation,
population, frustration, information, organisation

Use on or two of the words from Friday's spelling
exercise to write your own sentences about the picture.

For example:

Plastic pollution is a massive problem for the whole **nation**
so people are feeling lots of **frustration**.

Tuesday

Task 1



Find the missing digits in the fractions below.
Can you see any patterns?

1.

$$\frac{1}{2} = \frac{2}{4} = \frac{\square}{6} = \frac{4}{\square} = \frac{\square}{20} = \frac{30}{\square}$$

2.

$$\frac{1}{3} = \frac{2}{6} = \frac{3}{\square} = \frac{6}{\square} = \frac{\square}{30} = \frac{40}{\square}$$

3.

$$\frac{1}{4} = \frac{\square}{8} = \frac{\square}{12} = \frac{5}{\square} = \frac{\square}{40} = \frac{50}{\square}$$

4.

$$\frac{1}{5} = \frac{2}{\square} = \frac{\square}{15} = \frac{5}{\square} = \frac{\square}{50} = \frac{20}{\square}$$

5.

$$\frac{1}{10} = \frac{\square}{20} = \frac{\square}{30} = \frac{6}{\square} = \frac{\square}{80} = \frac{15}{\square}$$

Task 2

Research different ways that we can reduce plastic pollution.

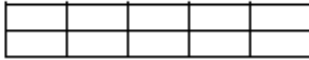
What can we do to reduce plastic pollution?

- always recycle our plastic bottles
-
-
-
-

Wednesday

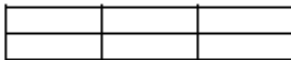
Task 1

1. Shade $\frac{3}{5}$ of this rectangle.



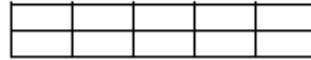
What does this show?

2. Shade $\frac{2}{3}$ of this rectangle.

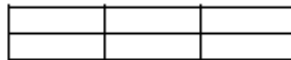


What does this show?

Shade $\frac{6}{10}$ of this rectangle.



Shade $\frac{4}{6}$ of this rectangle.



Shades? I have a pair already, thank you.



3. Ring $\frac{4}{5}$ of these cylinders.



What does this show?

4. Ring $\frac{9}{12}$ of these clouds.



What does this show?

Ring $\frac{8}{10}$ of these cylinders.



Ring $\frac{3}{4}$ of these clouds.

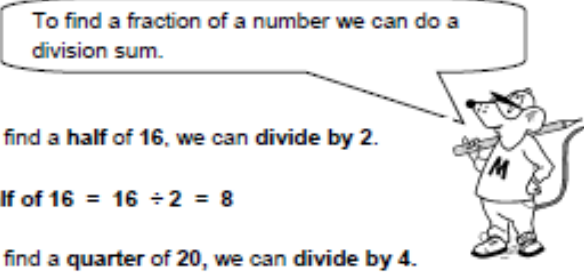


Task 2

Find any plastic materials that are due to be recycled and create a piece of art work from it. (it does not have to be just bottles)



Remember to make sure the materials are safe and clean before you use them.

Thursday	Task 1	Task 2
	<p>1. Make equivalent fractions by putting a number in the boxes.</p> <p>a) $\frac{1}{2} = \frac{\square}{4}$ b) $\frac{1}{2} = \frac{3}{\square}$</p> <p>c) $\frac{2}{5} = \frac{\square}{10}$ d) $\frac{1}{\square} = \frac{5}{15}$</p> <p>2. a) How many halves make a whole one?</p> <p>b) How many fifths make a whole one?</p> <p>c) How many tenths make a whole one?</p> <p>3. a) What do you need to add to $\frac{7}{10}$ to make one whole one?</p> <p>b) What do you need to add to $\frac{4}{5}$ to make one whole one?</p> <p>c) What do you need to add to $\frac{2}{8}$ to make one whole one?</p> <p>4.  To find a half of 16, we can divide by 2. Half of 16 = 16 ÷ 2 = 8 To find a quarter of 20, we can divide by 4. What is a quarter of 20?</p>	<p>Read through the following passage: Use a dictionary, the internet or the context in the text to find the meaning of the red words.</p> <p>This is the terrible consequence of not taking care of our environment! It is absolutely vital that we show some remorse for our horrendous actions with rubbish and be more diligent with the way we dispose of it.</p>

Task 1

Friday

1.



Can you tell if a fraction is greater or less than one half? If you need help, don't forget you can draw a diagram like this:



Three quarters is greater than one half!!

Which of these fractions are greater than a half and which are less? Write them in the correct box.

$\frac{1}{4}$ $\frac{3}{8}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{1}{8}$ $\frac{7}{8}$

Less than a half

Greater than a half

2. This set of fractions has fractions less than a half, more than a half and some that are equal to a half. Can you put them in the correct boxes?

$\frac{1}{5}$ $\frac{3}{10}$ $\frac{5}{8}$ $\frac{5}{10}$ $\frac{1}{2}$ $\frac{6}{10}$ $\frac{2}{3}$ $\frac{3}{8}$ $\frac{3}{6}$ $\frac{1}{3}$

Less than a half

Equal to a half

More than a half

Task 2

A modal verb is a special type of verb used to show the level of possibility, indicate ability, show obligation or give permission.

Common modal verbs:

- will
- would
- should
- could
- may
- can
- shall
- ought to
- must
- might



For example:

- If we **can** all begin recycling now, the planet **could** survive.
- The campaign to reduce plastic pollution and save our beaches **will** make an enormous difference to the environment.

Write your own sentences about the picture and the issue of plastic pollution using the modal verbs.