

Year Group: 6

Date: Monday 20<sup>th</sup> April

Subject	Lesson focus/objective (I can....)	Activity and/or instructions
Reading	I can read and understand a new text looking up word definitions of tricky words to help me.	Click on the link on the <b>website</b> labelled ' <b>Whales Monday DGR</b> '. Work your way through the flipchart following the instructions that will tell you what to do. Write any tricky words and their definitions in your blue books.
Mathematics (including times tables)	I can compare, and simplify fractions.	Complete the <b>worksheet below</b> based on comparing and simplifying fractions. Remember – we can only do this once the denominators are the same. We achieve this by multiplying or dividing the denominator and then whatever we do to the bottom we must do to the top. If you need a reminder of how to do this, watch the following video, this will help you with finding equivalent fractions as well as simplifying them. <a href="https://www.bbc.co.uk/bitesize/topics/zhdwxnb/articles/zcdgxf">https://www.bbc.co.uk/bitesize/topics/zhdwxnb/articles/zcdgxf</a> Answers will be on the website tomorrow for you to mark your work.
Writing	I can use deduction and inference skills to gain information from a painting.	This week we will be starting a new book to read. Before we read it look carefully at the painting about the story ( <b>below</b> ), write some sentences on what you know, what you think might be true and what is puzzling you.  <u>Questionnaire</u> . Teachers are starting to think about writing your reports so please write answers to the questions <b>below</b> (you don't need to copy out the questions just the number).
Science - You need either cress seeds or mustard seeds. See Teacher Example on separate document on the <b>website</b> .	I can set up a fair test to observe how the environment affects how well seeds grow.	Follow the instructions ( <b>below</b> ) for Science Part One to set up a fair test with <b>either</b> cress seeds <b>or</b> mustard seeds. There are two different experiments you only need to choose one. Then follow the instructions for Science Part Two and copy the table for your results. You will write down your observations on this table over the next week.

Reading:

Please read daily and complete your reading record. You can access Accelerated Reader clicking here and putting in your user name and password:

<https://ukhosted2.renlearn.co.uk/1894742/>

You may find that some of your books at home are also on AcceleratedReader, so re-read them and give the quiz a go

Today's DGR is on a separate document. Click the link on the website called 'Monday DGR'.

Monday – Maths

Simplifying and finding equivalent fractions.

1) Write down three equivalent fractions for each of these

a)  $\frac{3}{4}$

b)  $\frac{2}{5}$

c)  $\frac{7}{8}$

2) Match together equivalent fractions

$\frac{10}{15}$

$\frac{3}{5}$

$\frac{18}{21}$

$\frac{21}{35}$

$\frac{2}{3}$

$\frac{6}{7}$

$\frac{30}{50}$

3) Find the missing values in these equivalent fractions

a)  $\frac{1}{4} = \frac{\square}{8} = \frac{4}{\square} = \frac{\square}{40}$

c)  $\frac{4}{5} = \frac{12}{\square} = \frac{20}{\square} = \frac{\square}{35} = \frac{\square}{60}$

b)  $\frac{6}{9} = \frac{\square}{3} = \frac{\square}{90} = \frac{48}{\square} = \frac{66}{\square}$

d)  $\frac{4}{10} = \frac{24}{\square} = \frac{\square}{5} = \frac{48}{\square} = \frac{\square}{200}$

4) Write these fractions in their simplest form

a)  $\frac{24}{48}$

b)  $\frac{8}{20}$

c)  $\frac{45}{63}$

d)  $\frac{39}{45}$

e)  $\frac{72}{104}$

## English

### Deduction and Inference skills

Look at the painting carefully and write some sentences on what you know , what you think might be true and what is puzzling you.



## Questionnaire

1. What subjects or topic have you enjoyed this year?
2. Which book that we read in our English lessons have you particularly enjoyed?
3. Which do you think was your best piece of writing in Year 6?
4. Do you enjoy reading? Roughly how many Accelerated Reading tests do you take in a month (be honest) and what do you usually score?
5. What have you really improved on in Maths?
6. What do you find difficult in Maths?
7. What topic in Science have you enjoyed?
8. Have you been involved in any extra school activities or responsibilities for example, prefect, sport, school council, art, dance or anything else?
9. Please write anything else you would like to say.

## SCIENCE Part One

Topic: Everything Changes

**READ THESE INSTRUCTIONS VERY CAREFULLY!**

**Q: How does the environment affect the growth of plants?** Set up **at least** one of these experiments today (Monday) and watch what happens over the week, you can do more than one if you like.

**Experiment 1** How does **the amount of light** affect how seeds germinate?

Summary: Grow cress **or** mustard seeds in different conditions.

**Container 1** Put a little bit of cotton wool or kitchen roll inside any container. Add about 20 seeds, add a little water, put somewhere light and watch over the next few days.

**Container 2** Put a little bit of cotton wool or kitchen roll inside another container. Add about 20 seeds, add a little water, **cover it so that there is no light** and leave in the same place as Container 1. **NB – If you add more water, you must add the same amount to both.**



**Experiment 2** How does **pollution** affect how seeds germinate?

Summary: Grow cress **or** mustard seeds in different conditions.

**Container 1** Put a little bit of cotton wool inside any container. Add about 20 seeds, add a little water, put somewhere light and watch over the next few days.

**Container 2** Put a little bit of cotton wool inside the same container as 1. Add about 20 seeds, *add a little water mixed with some washing up liquid* and leave in the same place as Container 1.

SCIENCE Part Two – Copy and complete this table

My Question:

Type of seeds:

My results: (Either print this table or copy out)

	Tuesday 21st	Wednesday 22nd	Thursday 23rd	Friday 24th	Monday 27th	Tuesday 28th	Wednesday 29th
	How many seeds are changing?	How many seeds are changing?	How many seeds are changing?	How many seeds are changing?	How many seeds are changing?	How many seeds are changing?	How many seeds are changing?
Container 1							
Container 2							
Other Observations (things I noticed)							