

★ Wednesday 3rd June 2020

★ Good morning Class 3

★ **Quote of the day:** “You can steer yourself any direction you choose.” – **Dr. Seuss**

★ **PE**

★ Start off your day with a morning workout, or if you need a shakeup halfway through your day. Joe Wicks (The Body Coach) is doing daily live work outs at 9am for children to keep fit and healthy. There are many other children’s workouts on his page if you want to change it up!

★ <https://www.youtube.com/user/thebodycoach1>

★ **Core skills- CGP Writing- 15-30 minutes**

★ Complete Section 2- Writing Non-Fiction, A Thank You Letter, page 15-17.

★ **Use the answers at the back of the book to mark your work.**

Maths- lesson 12 3.5.2020 60 minutes

Mark yesterday's answers: If you made any mistakes check where you may have gone wrong for next time.

If you finish your workbook before the hour is up then play times table rockstars or hit the button to practice your times tables or number bonds.

Maths No Problem have uploaded some support for learning at home: <https://mathsnoproblem.com/en/programs/school-at-home/>

Name: _____ Class: _____ Date: _____

Worksheet 11

Finding Equivalent Fractions

1 Find the missing denominators.
Shade the bars to find the answers.

(a)  $\frac{2}{3} = \frac{6}{9}$

(b)  $\frac{4}{5} = \frac{8}{10}$

2 Fill in the blanks.

(a) $\begin{matrix} \times & \boxed{2} \\ \frac{4}{5} & = & \frac{8}{\boxed{10}} \\ \times & \boxed{2} \end{matrix}$

(b) $\begin{matrix} \times & \boxed{2} \\ \frac{3}{4} & = & \frac{6}{\boxed{8}} \\ \times & \boxed{2} \end{matrix}$

(c) $\frac{5}{6} = \frac{10}{\boxed{12}}$

(d) $\frac{2}{3} = \frac{8}{\boxed{12}}$

Practice 5 timetables

https://www.youtube.com/watch?v=g_yUC1NCFkE

<https://www.youtube.com/watch?v=amxVL9KUMq8>

<https://www.youtube.com/watch?v=5FaBDqOmiyI>

<https://www.youtube.com/watch?v=tdrk70Fhad8> (We can't Stop – Miley Cyrus)

Our next unit is **fractions!** If you are finding it quite tricky, try playing some of these games to help you:

<https://www.topmarks.co.uk/maths-games/7-11-years/fractions-and-decimals>

<https://www.topmarks.co.uk/Interactive.aspx?cat=24>

https://www.mathplayground.com/index_fractions.html

<https://eng.mathgames.com/fractions>

Differentiation

D1

For struggling learners, the initial task is set to help them access the concept. Help them to look for patterns by colouring in the pieces that were taken. Let them colour them in using different methods so they can look for the fractions they know. Shading in 3 random pieces will make it hard to see a simpler fraction, whereas shading in 3 in a row is helpful for visualising.

D2

For advanced learners, ask them if they can show quarters, thirds and sixths unconventionally, i.e. if 4 pieces were shaded in a row, the thirds would have 2 side-by-side and one below the other 2 lying horizontally. Ask them to draw this for you and represent it as $\frac{4}{12}$ and $\frac{1}{3}$.

Lesson Objective

To be able to find the simplest form of a fr

Lesson Approach

Prepare a 'cake' similar to the one in the In Focus task for this lesson using 12 small pieces of rectangular paper.

To begin the lesson, show pupils the the In Focus task and ask them how many pieces the cake has been cut into. What fraction is each piece? Ruby takes 3 pieces of the cake. What fraction does she take? Ruby takes $\frac{3}{12}$ of the cake. Use Let's Learn and the pre-prepared 'cake' to show the class $\frac{3}{12}$. Then move the pieces to show that 3 pieces ($\frac{3}{12}$) can form 1 part and 12 pieces ($\frac{12}{12}$) can form 4 parts. We can see that $\frac{3}{12} = \frac{1}{4}$ of the cake. When we do this, we say that $\frac{1}{4}$ is the simplest form of $\frac{3}{12}$.

Repeat the process for the fraction of the cake Ravi takes ($\frac{4}{12}$) and the fraction Lulu takes ($\frac{2}{12}$). In order to demonstrate the simplest form, it is easier to show the fractions of cake the children take using the ways shown in Let's Learn.

During Guided Practice, pupils are using a picture to help them see the simplest form of a fraction. Encourage them to draw diagrams to help them answer the second set of questions if needed.

Finding the Simplest Fraction

Lesson 12

In Focus

A cake is cut into 12 pieces.



Ruby

I take 3 pieces.



Ravi

I take 4 pieces.



I take 2 pieces.



Lulu

Can we figure out what fraction of the cake each person takes?

Let's Learn

1



$$3 \text{ pieces} = \frac{3}{12}$$

$$3 \text{ pieces} = \frac{1}{4}$$



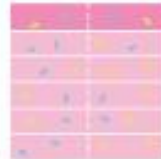
$$\frac{3}{12} = \frac{1}{4}$$

Ruby takes $\frac{1}{4}$ of the cake.

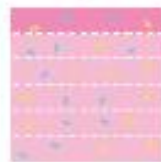
When 3 pieces become 1 part, 12 pieces become 4 parts.



3



$$2 \text{ pieces} = \frac{2}{12}$$



$$1 \text{ piece} = \frac{1}{6}$$

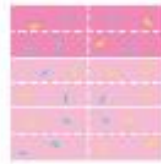
$$\frac{2}{12} = \frac{1}{6}$$

Lulu takes $\frac{1}{6}$ of the cake.

When 2 pieces become 1 part, 12 pieces become 6 parts.



2



$$4 \text{ pieces} = \frac{4}{12}$$



$$1 \text{ piece} = \frac{1}{3}$$

$$\frac{4}{12} = \frac{1}{3}$$

Ravi takes $\frac{1}{3}$ of the cake.

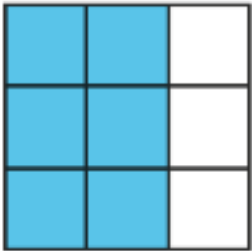
When 4 pieces become 1 part, 12 pieces become 3 parts.



Guided Practice

Write each fraction in its simplest form.

1



$$\frac{6}{9} = \square$$

2

(a) $\frac{4}{12} = \square$

(b) $\frac{4}{10} = \square$

(c) $\frac{4}{6} = \square$

Differentiation

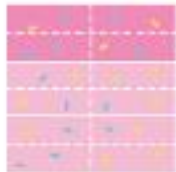
D1

For struggling learners, get them look for visual patterns in the pictures. It would also be helpful for them to draw diagrams in task 2 so they have the visual cues to work from if needed.

D2

For advanced learners, allow them to discuss the relationship between multiplication and equivalence, and division and simplest fractions. Is there a relationship between the numerator and the denominator? Ask them to write this down.

2



$$4 \text{ pieces} = \frac{4}{12}$$



$$1 \text{ piece} = \frac{1}{3}$$

$$\frac{4}{12} = \frac{1}{3}$$

Ravi takes $\frac{1}{3}$ of the cake.

When 4 pieces become 1 part, 12 pieces become 3 parts.



3



$$2 \text{ pieces} = \frac{2}{12}$$



$$1 \text{ piece} = \frac{1}{6}$$

$$\frac{2}{12} = \frac{1}{6}$$

Lulu takes $\frac{1}{6}$ of the cake.

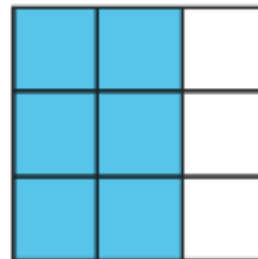
When 2 pieces become 1 part, 12 pieces become 6 parts.



Guided Practice

Write each fraction in its simplest form.

1



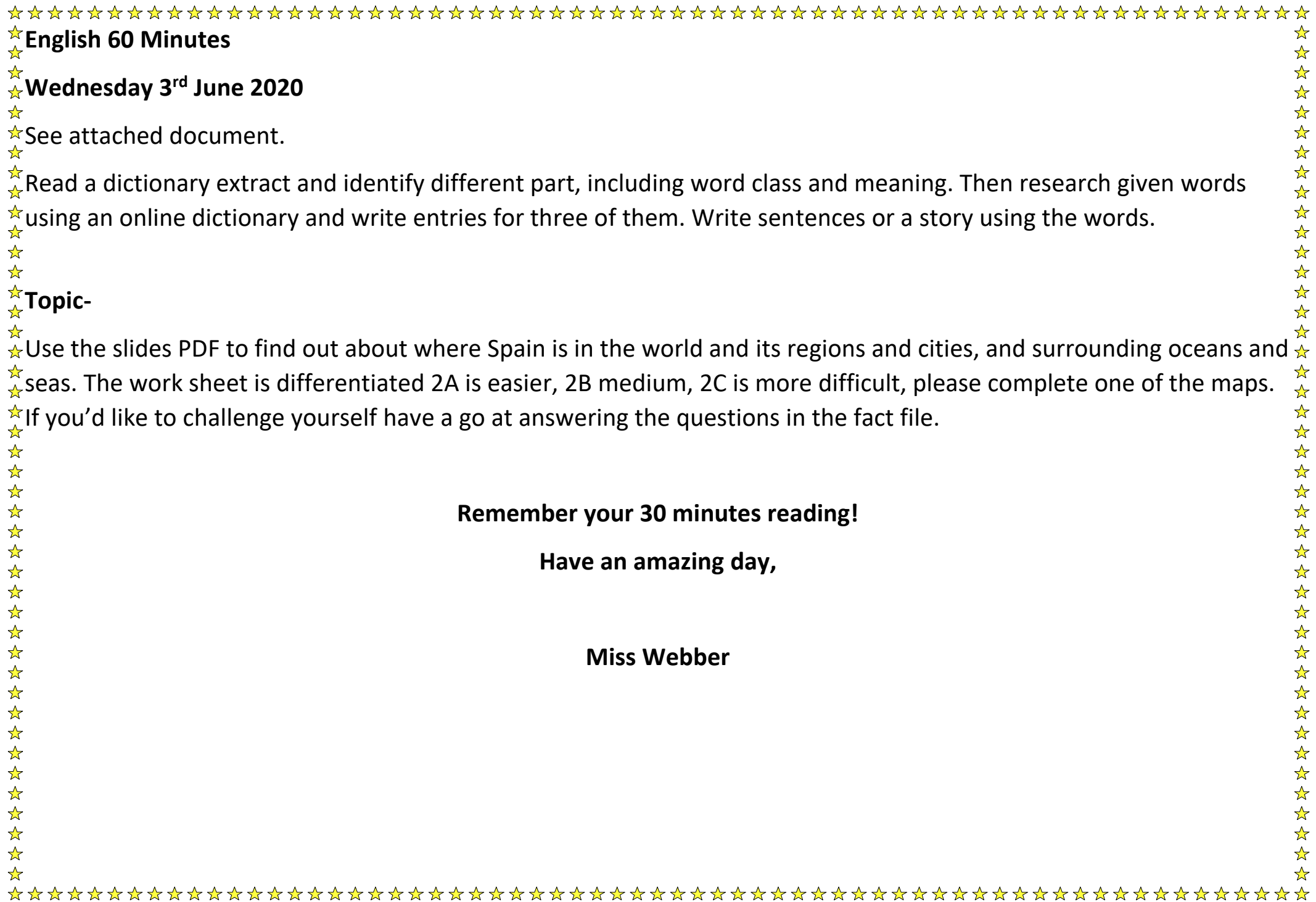
$$\frac{6}{9} = \frac{2}{3}$$

2

(a) $\frac{4}{12} = \frac{1}{3}$

(b) $\frac{4}{10} = \frac{2}{5}$

(c) $\frac{4}{6} = \frac{2}{3}$



★ **English 60 Minutes**

★ **Wednesday 3rd June 2020**

★ See attached document.

★ Read a dictionary extract and identify different part, including word class and meaning. Then research given words using an online dictionary and write entries for three of them. Write sentences or a story using the words.

★ **Topic-**

★ Use the slides PDF to find out about where Spain is in the world and its regions and cities, and surrounding oceans and seas. The work sheet is differentiated 2A is easier, 2B medium, 2C is more difficult, please complete one of the maps.

★ If you'd like to challenge yourself have a go at answering the questions in the fact file.

Remember your 30 minutes reading!

Have an amazing day,

Miss Webber