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Year 6 Learning in School Week 4

We understand that children who are not yet able to attend school may be curious to know and to have a go at, the learning their peers have completed in school this week. With this in mind, we will be sharing a simple outline of the learning completed in school at the end of each week. There is no expectation that children complete this learning alongside what they are already doing, however if they would like to Miss Kober and Miss Revels-Hull would be delighted if you shared this with them through the learning.saxon email account.

<u>Subject</u>	<u>Learning Task</u>
English	<p>Video by Miss Kober for 6K and 6R: https://youtu.be/7be_TsbOBh4</p> <p>Children wrote a CV for a position at their chosen secondary school as a Year 7 pupil.</p> <p><i>You might like to write your own CV. Remember a CV needs to have your basic details, previous/work experience, qualifications, hobbies/interest, key skills and any other information that you think is relevant for applying for this position. Have a look at the example CV to give you some ideas.</i></p>
Maths	<p>Video by Miss Kober for 6K and 6R: https://youtu.be/aqusrOljKEA</p> <p>Children completed problem solving questions, using their knowledge of fractions and percentages.</p> <p><i>You will find the questions the children worked from in class, below.</i></p>
Geography	<p>Children were learning to describe and understand key aspects of physical geography.</p> <p><i>You might like to watch these videos and then research as to how mountains, volcanoes, earthquakes and rivers are formed.</i></p> <p>Mountains: https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/z4g3qp3 Volcanoes: https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/zd9cxyc Earthquakes: https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/zj89t39 Rivers: https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/z7w8pg8</p> <p>Children then also explored climate zones, biomes and vegetation belts.</p>



The following videos provide information into what is the difference between weather and climate, as well as to what a biome is.

Weather and climate: <https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/z7dkhbk>

Biomes: <https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/zvsp92p>

Research the following biomes: rainforests, deserts, savannah, woodlands, grasslands, and tundra. What is similar about them? What is different?

English

Good CV example 1

Steven Jones

99 Long Road
Chesterfield
England
CH68 1PP

Tel: 0111 333 555

E: steven.jones@gaggle.co.uk

An excellent communicator with experience in a customer service role. Proven to work well as part of a team as well as on individual assignments. Looking to expand on these skills via a customer facing role in the retail sector.

Work experience

June 2011 – Present

Paper delivery assistant: Smith Newsagents, Chesterfield

- Bi-weekly newspaper delivery round
- Liaised with senior staff to ensure route efficiency for deliveries
- Regular face to face contact with customers
- Completed daily log of enquiries so that order information could be updated
- Updated customer details database to improve information quality

April 2012

Work experience placement: Topman, Chesterfield

- Two week work experience placement, involving customer contact and care of stock
 - Greeted customers and assisted with face to face enquiries regarding sizing and availability of products
 - Served customers, operating the till and handling money and card payments
 - Worked with permanent members of staff on the monthly stock check, with sole responsibility for the accurate log of men's footwear.
 - Assisted with the general upkeep and appearance of the store
-

Education

September 2008 – Present

Chesterfield Comprehensive Secondary School & Sixth Form

A-Levels: *Grades pending, August 2014*

- Business Studies, English, Maths, General Studies

GCSE's: August 2012

- English (B), English Language (C), Maths (C), Science - double award (BB), Information Technology (A), Business Studies (A), History (C), French (B), Music (C), Graphic Design (C)

Key skills & achievements

- Microsoft Word, Powerpoint, Excel and Outlook
- Captain of Riverside under-18's five-a-side football team – including organising weekly team games and mentoring junior members of the team
- Achieved Grade 5 in electric guitar
- French – basic conversational

Interests

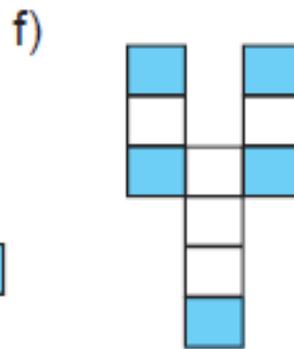
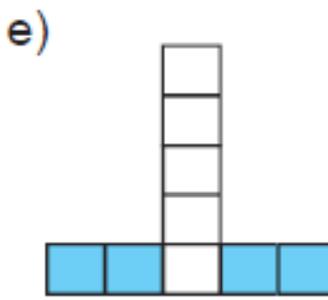
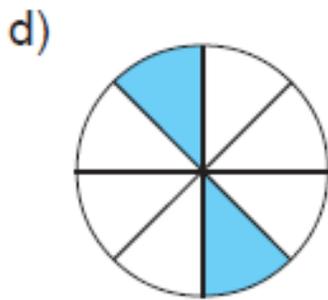
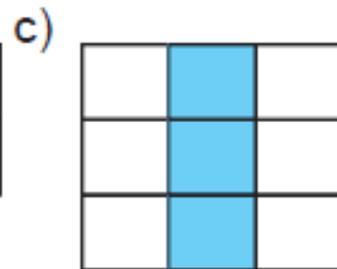
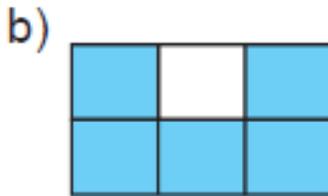
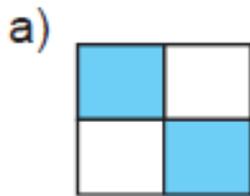
I enjoy football and as well as captaining my local five-a-side team I am a member of the School Sixth Form football team and Sheffield United supporters club. I have a keen interest in music, and as well as playing guitar I regularly attend local concerts. I am also a member of the school music society and have participated in a number of school performances.

References

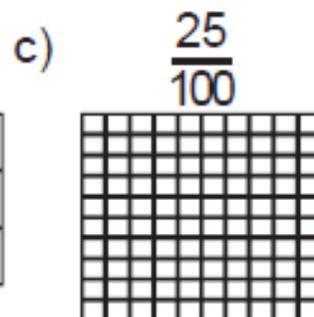
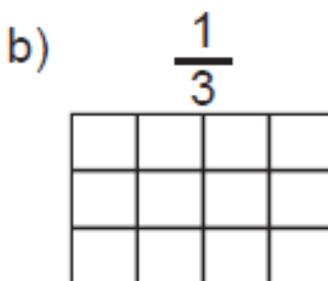
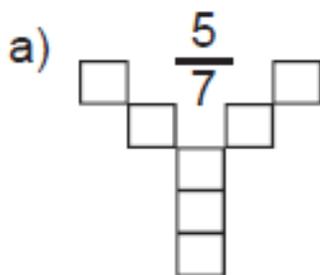
Available on request

N23a Introduction to Fractions
Shading

1) What fractions of the following shapes are shaded?



2) Shade the shapes according to the given fractions.



N23a Introduction to Fractions
Shading

1) $\frac{1}{3}$ of this shape is shaded. 

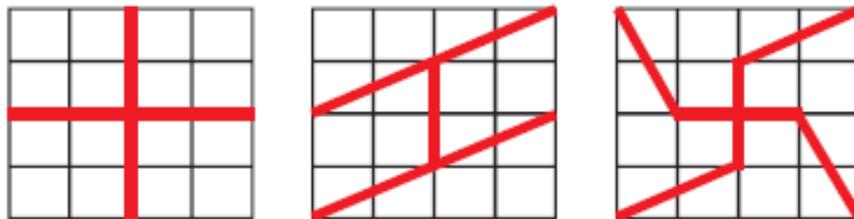
a) What fraction of this diagram is shaded?



b) What fraction of this diagram is shaded?



2) These rectangles have been split into four equal pieces.



Split each of these rectangles into four equal pieces in different ways.



N23b
Introduction to Fractions
Equivalent Fractions

1) Find three equivalent fractions to each of the following:

a) $\frac{1}{3}$

b) $\frac{1}{4}$

c) $\frac{1}{5}$

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

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

f) $\frac{5}{8}$

2) Fill in the missing number in each of these equivalent fractions.

a) $\frac{2}{3} = \frac{\square}{9}$

b) $\frac{1}{5} = \frac{\square}{20}$

c) $\frac{3}{11} = \frac{\square}{22}$

d) $\frac{1}{3} = \frac{5}{\square}$

e) $\frac{2}{7} = \frac{10}{\square}$

f) $\frac{4}{9} = \frac{8}{\square}$

g) $\frac{2}{5} = \frac{\square}{50}$

h) $\frac{5}{7} = \frac{\square}{42}$

i) $\frac{9}{10} = \frac{81}{\square}$

3) Complete the following equivalent fraction series.

a) $\frac{1}{2} = \frac{2}{\square} = \frac{\square}{6} = \frac{5}{\square} = \frac{\square}{20} = \frac{50}{\square}$

b) $\frac{3}{5} = \frac{6}{\square} = \frac{\square}{15} = \frac{12}{\square} = \frac{\square}{50} = \frac{300}{\square}$

Introduction to Fractions
Equivalent Fractions

N23b

1) Here are six number cards.



a) Choose two of these six cards
to make a fraction that is

equivalent to $\frac{1}{6}$.

b) Choose two of these six cards
to make a fraction that is

equivalent to $\frac{12}{16}$.

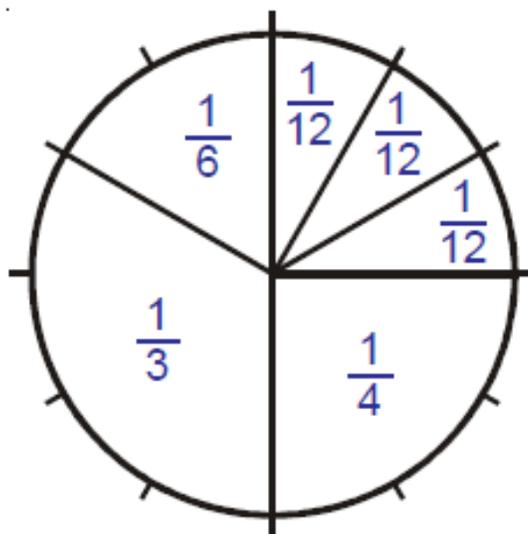
2) Use the diagram below to help you fill in the missing numbers.

a) $\frac{1}{3} = \frac{1}{4} + \frac{\square}{\square}$

b) $\frac{1}{6} = \frac{\square}{\square} - \frac{1}{12}$

c) $\frac{1}{6} + \frac{2}{12} = \frac{\square}{\square}$

d) $\frac{1}{3} + \frac{1}{6} = \frac{1}{4} + \frac{\square}{\square}$



1) Cancel each of these fractions to their simplest form:

a) $\frac{2}{6}$

b) $\frac{5}{10}$

c) $\frac{3}{12}$

d) $\frac{2}{16}$

e) $\frac{9}{27}$

f) $\frac{20}{80}$

2) Cancel each of these fractions to their simplest form:

a) $\frac{4}{14}$

b) $\frac{30}{70}$

c) $\frac{16}{34}$

d) $\frac{24}{42}$

e) $\frac{27}{45}$

f) $\frac{28}{36}$

3) Cancel down fully each of these fractions:

a) $\frac{33}{55}$

b) $\frac{72}{96}$

c) $\frac{45}{90}$

d) $\frac{75}{100}$

e) $\frac{40}{180}$

f) $\frac{68}{116}$

Here are six number cards.



a) Choose two of these six cards
to make a fraction that is

equal to $\frac{45}{99}$

$$\frac{\square}{\square}$$

b) Choose two of these six cards
to make a fraction that is

equal to $\frac{112}{144}$

$$\frac{\square}{\square}$$

c) Choose three of these six cards
to make a fraction that is

equal to $\frac{28}{175}$

$$\frac{\square}{\square \square}$$

d) Choose three of these six cards
to make the smallest
possible fraction.

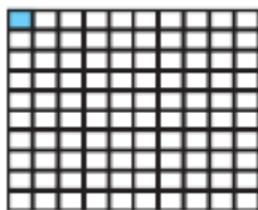
$$\frac{\square}{\square \square}$$

N24a

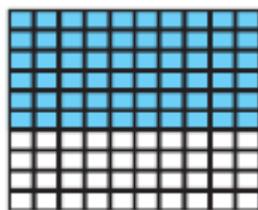
Percentages
Introduction

1) What percentage of the shapes below are shaded?

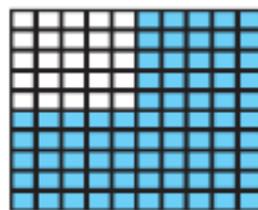
a)



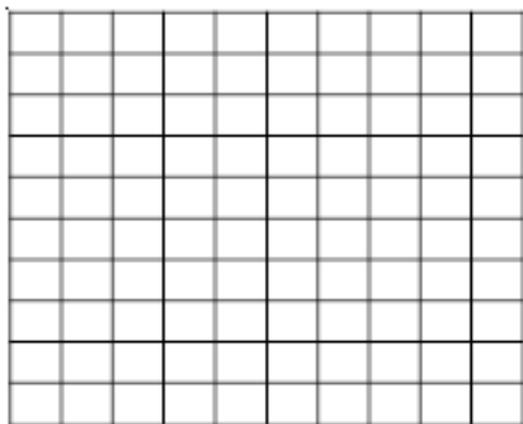
b)



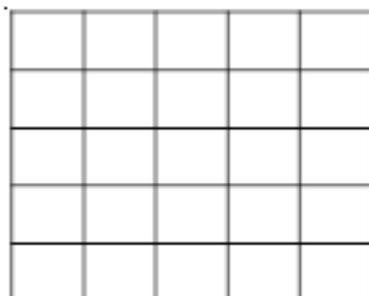
c)



2) Shade in 45% of this grid.



3) Shade in 32% of this grid.



Percentages

N24b Percentage of an Amount

- 1) Work out the following:
- a) 50% of 80
 - b) 50% of 48
 - c) 50% of 15
 - d) 25% of 120
 - e) 25% of 90
- 2) Work out the following:
- a) 10% of 150
 - b) 10% of 26
 - c) 50% of 12
 - d) 25% of 12
 - e) 75% of 12
- 3) Work out the following:
- a) 10% of £40
 - b) 5% of £40
 - c) 15% of £40
 - d) 5% of £70
 - e) 15% of £380
- 4) Work out the following:
- a) 20% of £50
 - b) 45% of £9
 - c) 80% of £11
 - d) 35% of £6
 - e) 65% of £824
- 5) Jamie received £26 pocket money last week.
He spent it as follows: ___ 10% on sweets,
 ___ 25% on magazines
 ___ 15% on games
- How much did Jamie have left?
Show your working.
- 6) Tony had £40 saved up and gave 35% of it to his younger sister, Ella.
Ella gave 20% of what she was given to her younger brother, Ben.
Ben gave 30% of what he was given to his younger brother, Tim.
Tim spent 75% of what he was given on buying a toy for his hamster, Hammy.
How much was the toy for Hammy?