

Maths Planning and Ideas



Week Commencing: 18.01.2021

Year Group: Year6

Times Table Rockstars website - <https://trockstars.com/>

	Monday	Tuesday	Wednesday	Thursday	Friday
Area of Learning	L.C Can you write decimals as fractions?	L.C Can you convert fractions to decimals?	L.C Can you Convert fractions to decimals?	LC Can you review your understanding of decimals	Can you apply your understanding of decimals to problem solving?
Activity	<p style="color: red;">Starter – if you haven’t already accessed TTRS as your activity for this morning, you might like to spend 10 minutes on TTRS as a starter activity.</p> <p>Arithmetic Starter</p> <p>Resources found on virtual learning page.</p> <p>Your starters this week require you to apply your arithmetic knowledge to identify the ‘imposter’. Which of the calculations give the incorrect answer.</p> <p>For these questions, we would like you to record</p>	<p style="color: red;">Starter – if you haven’t already accessed TTRS as your activity for this morning, you might like to spend 10 minutes on TTRS as a starter activity.</p> <p>Arithmetic Starter</p> <p>Resources found on virtual learning page.</p> <p>Your starters this week require you to apply your arithmetic knowledge to identify the ‘imposter’. Which of the calculations give the incorrect answer.</p> <p>For these questions, we would like you to record</p>	<p style="color: red;">Starter – if you haven’t already accessed TTRS as your activity for this morning, you might like to spend 10 minutes on TTRS as a starter activity.</p> <p>Arithmetic Starter</p> <p>Resources found on virtual learning page.</p> <p>Your starters this week require you to apply your arithmetic knowledge to identify the ‘imposter’. Which of the calculations give the incorrect answer.</p> <p>For these questions, we would like you to record</p>	<p style="color: red;">Starter – if you haven’t already accessed TTRS as your activity for this morning, you might like to spend 10 minutes on TTRS as a starter activity.</p> <p>Arithmetic Starter</p> <p>Resources found on virtual learning page.</p> <p>Your starters this week require you to apply your arithmetic knowledge to identify the ‘imposter’. Which of the calculations give the incorrect answer.</p> <p>For these questions, we would like you to record</p>	<p style="color: red;">Starter – if you haven’t already accessed TTRS as your activity for this morning, you might like to spend 10 minutes on TTRS as a starter activity.</p> <p>Arithmetic Starter</p> <p>Resources found on virtual learning page.</p> <p>Your starters this week require you to apply your arithmetic knowledge to identify the ‘imposter’. Which of the calculations give the incorrect answer.</p> <p>For these questions, we would like you to record</p>

your calculations so we are able to see your written methods when you return your work. For some of the calculations eg, square numbers and cubed numbers, you might need a written calculation and you might simply be able to recall this from memory.



Main Teaching

Follow the link below to enable you to access the video for today's lesson.

Remember, an adult will be available on live chat throughout if you need any support as you are working.

You need to select the following video –

<https://whiterosemaths.com/homelearning/year-6/>

Spring 1 Week 2 –
Multiply by 10, 100 and 1000

your calculations so we are able to see your written methods when you return your work. For some of the calculations eg, square numbers and cubed numbers, you might need a written calculation and you might simply be able to recall this from memory.

Main Teaching

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Spring 1 Week 2 – Divide by 10, 100 and 1000

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Spring 1 Week 2 –
Multiply decimals by integers

your calculations so we are able to see your written methods when you return your work. For some of the calculations eg, square numbers and cubed numbers, you might need a written calculation and you might simply be able to recall this from memory.

Main Teaching

We have now come to the end of our decimals block. To round this off, we would like you to review your understanding.

Please complete the end of block review sheet and then send us your work via email if you are able.

We will be available online for any support you require. Please don't forget to ask whenever you would like a little more support.

Resources can be found online on the virtual classroom.

<http://www.ox-close.durham.sch.uk/virtual-classroom/>

Spring 1 Week 2 –
Multiply decimals by integers

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Main Teaching

Your work today involve applying your understanding of decimals to problem solving situations.

We have provided you with a small workbook which can be found in the virtual classroom. This can be downloaded or if you prefer, you can read the questions form your screen

Once complete, if you are able, we would love to see your work.

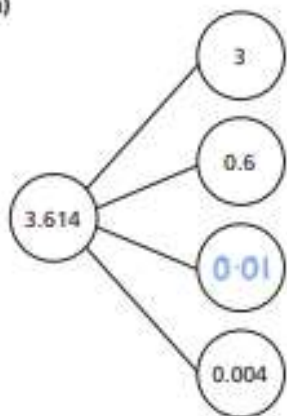
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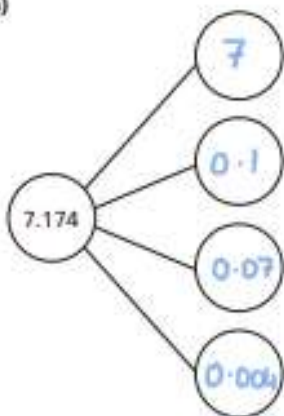
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4 Complete the part-whole models.

a)



b)



5 Complete the number sentences.

a) $17.134 = 10 + 7 + 0.1 + \boxed{0.03} + 0.004$

b) $94.077 = 90 + 4 + 0.07 + \boxed{0.007}$

c) $\boxed{34.079} = 30 + 4 + 0.07 + 0.009$

6 Complete the number sentences.

$1.456 = 1 + 0.4 + \boxed{0.05} + 0.006$

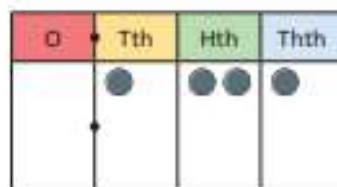
$1.456 = 1 + 0.3 + \boxed{0.15} + 0.006$

$1.456 = 1 + 0.2 + \boxed{0.25} + 0.006$

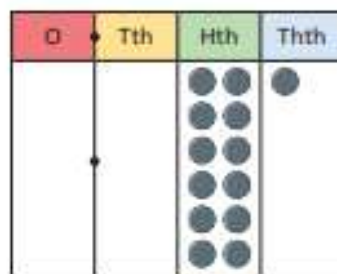
$1.456 = 1 + \boxed{0.45} + 0.006$

7 Mo and Annie have represented 0.121 on their place value charts.

Mo's chart



Annie's chart



Mo

Only my grid shows 0.121



Annie

Both our grids show 0.121

Who do you agree with? Annie

Explain why.

Annie could exchange 10 hundredths for one tenth then their grids would be the same.

[Twinkl](#) – Subscription service used by schools is offering a free premium service for teachers, parents and children to use whilst schools are closed. Enter the code **UKTWINKLHELPS** for access to worksheets, powerpoints and interactive games to support all areas of learning.

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[Primary Stars](#) – Free Maths home learning packs for Year 1 and 2.

[BBC Bitesize Primary](#) – Free learning resources available for KS1 and KS2 across all subjects.

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[Top Marks](#) – Free educational resources and games for English and Maths.

[ICT Games](#) – Free educational resources and games for English and Maths.