

Year 5

Activities for the week beginning 20th April 2020



Dear year 5 families,

I hope that you had a pleasant Easter and are all geared up for the refreshing and renewing season of Spring; a time of new beginnings, renewed hope and enduring possibilities. As we start the new school term, our learning continues online, with Maths, English and some fun activities. Thanks again for your engagement in previous tasks.

I wish you all the best, keep safe and well, be kind and remain hopeful.

Kind regards,

Mrs Rocque and Miss Teresa

English activities: This week we will revisit the fiction story Hansel and Gretel. In March, we wrote the story, up-to the point when the children entered the house and the witch grinned malevolently. For this week's task, you will continue the story from when they are inside the house up to the point when Gretel pushes the witch into the oven. In your version of the story, focus your creative writing skills on vivid descriptions of:

1. The inside of the witch's house: the smell, appearance of room, walls, furniture, atmosphere
2. The witch's hideous appearance (she is no longer looking like a frail, kind, grey haired granny)
Describe her teeth, breath, eyes, nose, voice ...



Easy: Use strong adjectives, adverbs and similes

Medium: Use strong emotive adjectives; adverbs; speech (correct punctuation)

Hard: Use strong emotive adjectives, adverbs, speech (correct punctuation) expanded noun phrases

Descriptive words to choose from: hideous, malignant, repugnant, grotesque, abnormal, maleficent, jagged, razor sharp, elongated, bloodcurdling, pus filled, boils and warts, dismal, dreary, uninviting, unwelcoming, ominous, sinister, malign, infested, tarnished, grimy, filthy, stained, covered in..., overwhelming, overpowering, rotten, foul, putrid, detestable

Opening sentence: As Hansel and Gretel entered the witch's house, immediately, the difference to the outside became undeniably apparent. While the outside was a mesmerizing picture of paradise, in contrast, the inside was a picture of ...

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English/Topic: Shang Dynasty

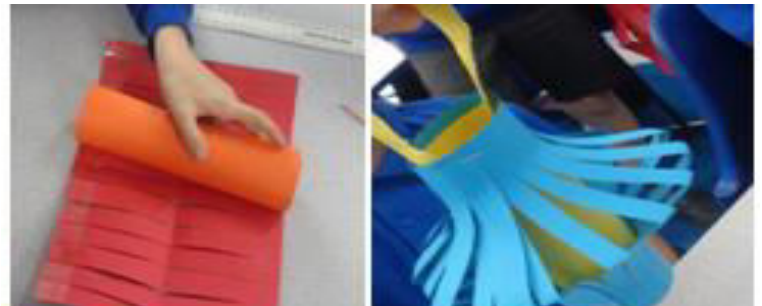
In the upcoming weeks, we will learn more about the ancient Chinese civilisation: The Shang Dynasty. Watch these interesting videos to find out more information.

<https://www.youtube.com/watch?v=k3jXyXhIR9s> and <https://www.bbc.co.uk/bitesize/topics/z39j2hv/articles/z2ckrwx>

Make a Chinese lantern:

<https://www.youtube.com/watch?v=CeZKYGmuZn0>

Chinese lanterns made by previous year 5 class. Try adding a different coloured cylinder in the middle of your lantern. Once your lantern is complete, place coloured tissue paper in the cylinder's opening to represent fire.



Reading

Parents, please remember, your child should still continue to read an appropriately challenging book for at least 30 minutes daily. Audible books are free to stream on Amazon during school closure, so this might be extra motivation for some children.

Link to Amazon audible: <https://stories.audible.com/start-listen>. Choose the appropriate reading range for your child: elementary or tween.

Elementary: These books may be selected for children 8 years-11

Tween: These books may be selected for children 10 years-12

If your child prefers reading a hardcopy, the 2 links below will provide some age appropriate suggestions for purchase. (You can decide on the book with your child).

Below you will find some book recommendations to help you

Year 5 level readers:

<https://schoolreadinglist.co.uk/reading-lists-for-ks2-school-pupils/suggested-reading-list-for-year-5-pupils-ks2-age-9-10/>

Year 4 level readers:

<https://schoolreadinglist.co.uk/reading-lists-for-ks2-school-pupils/suggested-reading-list-for-year-4-pupils-ks2-age-8-9/>



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Maths activities: Well done for your regular engagement with Mathletics. I have seen many of you consistently logging in and completing tasks. Another great, National Curriculum based e-learning site is Carol Vorderman's 'The Maths Factor'. This fun maths website comes complete with Carol Vorderman videos demonstrating each math concept, in easy to understand steps. It is free while schools are closed, and takes about 3-4 days to get registration details once you apply. No card details are requested (It is free!!). If you are interested, visit: www.themathsfactor.com

Practice times table: <https://www.topmarks.co.uk/maths-games/7-11-years/times-tables>

We continue our learning on fractions: Adding 3 fractions: Don't forget to simplify/change to mixed numbers

Easy

Add the numerators together,
keep the same denominator.

$$1) \frac{2}{11} + \frac{4}{11} + \frac{6}{11} = \frac{\quad}{11}$$

$$2) \frac{3}{6} + \frac{1}{6} + \frac{3}{6} =$$

$$3) \frac{4}{6} + \frac{4}{6} + \frac{5}{6} =$$

$$4) \frac{7}{4} + \frac{3}{4} + \frac{3}{4} =$$

$$5) \frac{1}{9} + \frac{3}{9} + \frac{5}{9} =$$

$$6) \frac{7}{9} + \frac{3}{9} + \frac{4}{9} =$$

$$7) \frac{3}{12} + \frac{1}{12} + \frac{5}{12} =$$

Medium

In the activity below, the LCM is
the largest denominator.
Change the other 2 fractions so
they have the same
denominator as the largest. See
the example on the next page.

$$1) \frac{2}{3} + \frac{3}{4} + \frac{9}{12} =$$

$$2) \frac{4}{5} + \frac{7}{30} + \frac{5}{6} =$$

$$3) \frac{7}{12} + \frac{2}{6} + \frac{1}{6} =$$

$$4) \frac{3}{20} + \frac{1}{10} + \frac{4}{5} =$$

$$5) \frac{7}{13} + \frac{6}{26} + \frac{3}{13} =$$

$$6) \frac{3}{7} + \frac{6}{14} + \frac{5}{7} =$$

$$7) \frac{10}{14} + \frac{4}{7} + \frac{6}{7} =$$

Hard

Find the LCM of the 3 denominators, then
change each fraction so they have the same
denominator. Example: question 1, the LCM
of 4, 10 and 2 is 20, so change each fraction,
so they each have a denominator of 20.
Watch the video and look at my example on
the next page.

$$1) \frac{1}{4} + \frac{3}{10} + \frac{1}{2}$$

$$2) \frac{1}{4} + \frac{4}{10} + \frac{3}{5}$$

$$3) \frac{1}{4} + \frac{2}{5} + \frac{1}{3}$$

$$4) \frac{1}{5} + \frac{1}{2} + \frac{1}{3}$$

$$5) \frac{5}{10} + \frac{1}{2} + \frac{2}{4}$$

$$6) \frac{3}{5} + \frac{2}{3} + \frac{1}{2}$$

$$7) \frac{6}{10} + \frac{1}{2} + \frac{1}{3}$$



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Example: $\frac{2}{3} + \frac{3}{4} + \frac{5}{12}$

Step 1: Find the Lowest Common Multiple (LCM) of the denominators 3, 4 and 12

The LCM of denominators 3, 4 and 12 is 12, so change $\frac{2}{3}$ and $\frac{3}{4}$ so their denominator is 12. You cannot change $\frac{5}{12}$ as its denominator is already 12.

Step 2: Convert $\frac{2}{3}$ and $\frac{3}{4}$ to fractions with the denominator 12:

$$\frac{2}{3} \times 4 = \frac{8}{12} \qquad \frac{3}{4} \times 3 = \frac{9}{12}$$

Step 3: Now add the new fractions

$$\frac{2}{3} + \frac{3}{4} + \frac{5}{12} = \frac{8}{12} + \frac{9}{12} + \frac{5}{12} = \frac{22}{12} = \frac{11}{6} = 1\frac{5}{6}$$

New fraction addition

Simplify $\frac{22}{12}$ by $\div 2$ & 12
by common factor 2

Change $\frac{11}{6}$ to a mixed number.

$11 \div 6 = 1$ whole, remainder $\frac{5}{6}$

The answers to the medium and hard questions are on the next page. I have not included the working out for step 2 and the new fraction addition in step 3, so you must do these steps, otherwise you will not get the final answers.

NO PEEKING: Avoid looking at the answers, attempt two questions first. Check your answers and if you get them right, complete the others and then refer back to the answer page. Good Luck!

Video:

<https://www.bing.com/videos/search?q=adding+3+fractions+videos&docid=608002592331728870&mid=3F276F3CE2E7C15FBDDF3F276F3CE2E7C15FBDDF&view=detail&FORM=VIRE>

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Medium answers:

$$1) \frac{2}{3} + \frac{3}{4} + \frac{9}{12} =$$

$$\frac{26}{12} = \frac{13}{6} = 2 \frac{1}{6}$$

$$2) \frac{4}{5} + \frac{7}{30} + \frac{5}{6} =$$

$$\frac{56}{30} = \frac{28}{15} = 1 \frac{13}{15}$$

$$3) \frac{7}{12} + \frac{2}{6} + \frac{1}{6} =$$

$$\frac{13}{12} = 1 \frac{1}{12}$$

$$4) \frac{3}{20} + \frac{1}{10} + \frac{4}{5} =$$

$$\frac{21}{20} = 1 \frac{1}{20}$$

$$5) \frac{7}{13} + \frac{6}{26} + \frac{3}{13} =$$

$$\frac{26}{26} = 1$$

$$6) \frac{3}{7} + \frac{6}{14} + \frac{5}{7} =$$

$$\frac{22}{14} = \frac{11}{7} = 1 \frac{4}{7}$$

$$7) \frac{10}{14} + \frac{4}{7} + \frac{6}{7} =$$

$$\frac{30}{14} = \frac{15}{7} = 2 \frac{1}{7}$$

Hard answers

$$1) \frac{1}{4} + \frac{3}{10} + \frac{1}{2} =$$

$$\frac{21}{20} = 1 \frac{1}{20}$$

$$2) \frac{1}{4} + \frac{4}{10} + \frac{3}{5} =$$

$$\frac{25}{20} = \frac{5}{4} = 1 \frac{1}{4}$$

$$3) \frac{1}{4} + \frac{2}{5} + \frac{1}{3} =$$

$$\frac{59}{60}$$

$$4) \frac{1}{5} + \frac{1}{2} + \frac{1}{3} =$$

$$\frac{31}{30} = 1 \frac{1}{30}$$

$$5) \frac{5}{10} + \frac{1}{2} + \frac{2}{4} =$$

$$\frac{30}{20} = \frac{3}{2} = 1 \frac{1}{2}$$

$$6) \frac{3}{5} + \frac{2}{3} + \frac{1}{2} =$$

$$\frac{53}{30} = 1 \frac{23}{30}$$

$$7) \frac{6}{10} + \frac{1}{2} + \frac{1}{3} =$$

$$\frac{43}{30} = 1 \frac{13}{30}$$

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Time for fun!

I know that year 5 are PE fans!! Exercise is an important activity that keeps the mind and body fit and healthy. Daily exercise is advisable to maintain your wellbeing. Try exercising with Joe Wicks. He has exercise videos that the entire family can engage with. Scroll down to 'Kids workouts to do at home' and the daily updated 'PE with Joe' for suitable exercises.

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

Remember, listen to your body, exercise at a pace that you feel comfortable with. Take regular breaks and stay hydrated.

Do you like games? This site has some great games that will keep you entertained. My favourites are Tic-tak-toe, guess who, 4 in a row, but there are lots, lots more!

<https://www.agame.com/>

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