





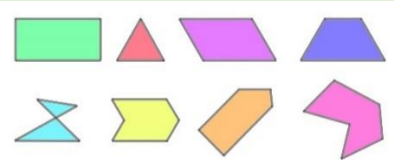
## Year 5 Home Learning

### Term 4 Weekly challenges:



Reading Challenge	Times Tables	Spelling	Maths
<p><b>Reading</b></p> <p>Read daily to earn points towards the reading pond. While Reading, consider the vocabulary the author has used...</p> <ol style="list-style-type: none"> <li>1. What does this word/phrase tell us about the character/setting/mood?</li> <li>2. By writing .... What effect has the author created? Do you think they intended to?</li> <li>3. What other words/phrases could the author have used here? Why?</li> </ol>	<p><b>Times tables</b></p> <p>Write out and practise your times tables up to 12X tables, including the division facts!</p> <p><b>OR</b></p> <p>Log onto TTRS and play online!</p> 	<p><b>Spelling</b></p> <p>Learn the following: <b>attached, persuade, definite, available, amateur, recommend, accommodate, fashionable, tolerable, perishable, forcibly, reversible.</b></p> <p>This term we will be learning about words which end in <b>ible</b> or <b>able</b>. Find as many words as you can in the books and papers you read at home and create a word list with definitions for each one you find.</p>	<p>Each Monday, I'll set you a Purple Mash maths activity to complete. It will be linked to what we are learning that week, so show off what you know!</p>

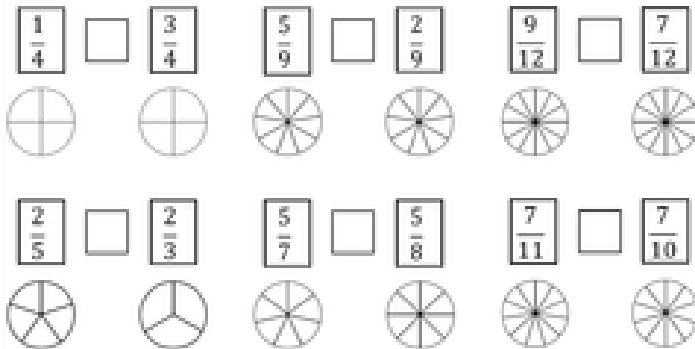
Challenges for Term 4 - complete 5 of these activities to earn a home learning certificate.

English	English	Maths	Maths
<p><b>Create a hero</b></p> <p>Think about what attributes a hero needs to conquer their quest. Think about the person's mannerisms, looks and what skills they may need. Write a character description of your hero.</p> 	<p><b>Diary of a day in the life of a monster</b></p> <p>Write a diary as if you were a lonely monster. Think of a back story. Why are you alone? Why do you want to scare people. Why do people want you gone? Have you done something terrible? Write a diary explaining your day to day life and how you feel about being a monster.</p>	<p><b>Fractions</b></p> <p>Complete a fraction sheet below. Remember to look at the denominator as this tells us what times tables we must use.</p> <p><b><u>Pick a challenge from the next page to complete!</u></b></p>	<p><b>Polygon hunt</b></p>  <p><b><u>Pick a challenge from the next page to complete!</u></b></p>
Topic	Topic	Topic	Mindfulness / Well-Being
<p><b>Castle defences</b></p> <p>Pick a castle from the United Kingdom and research how its defences have changed over time. Create a fact file on your chosen castle's defences.</p>	<p><b>Attack!</b></p> <p>You are about to invade a well-fortified castle. However, the catapult you normally used has broken! Research different designs of catapults. Then design your own catapult that will be capable of attacking a strong and well-defended castle. Once drawn, label your diagram and write a short explanation of how it works.</p>	<p><b>Pulleys and Levers</b></p> <p>Look around your house and your local area. Can you see any pulleys and levers used in day to day life? Take a photo and explain how the pulley and levers work and why you think they are used.</p>	<p>When you are eating, slow the process right down and try to activate all your senses. Look carefully at your food before you eat it. What does it look like? Bring it closer so you can smell it. What does it smell like? As you place it in your mouth, be aware of the texture of the food and how it feels. What does it taste like? Does the taste come in successive waves or all at once? Can you recognise the individual ingredients?</p>

## Fractions

A

Compare the fractions below using the >, < and = signs.  
Shade in the diagrams to help.



$\frac{1}{5} \text{ of } 60 =$

$\frac{1}{3} \text{ of } 24$

$\frac{5}{8} \text{ of } 40 =$

$\frac{5}{8} \text{ of } 32$

$\frac{1}{5} \text{ of } 5 =$

$\frac{2}{3} \text{ of } 3 =$

$\frac{1}{3} \text{ of } 78 =$

$\frac{1}{5} \text{ of } 15$

B

1) Place these fractions in ascending order:

a.  $\frac{1}{3}$   $\frac{3}{4}$   $\frac{5}{12}$   $\frac{1}{2}$   $\frac{5}{6}$

b.  $\frac{1}{15}$   $\frac{2}{3}$   $\frac{4}{5}$   $\frac{1}{3}$   $\frac{7}{15}$

2) Place these fractions in descending order:

a.  $\frac{3}{4}$   $\frac{1}{6}$   $\frac{7}{12}$   $\frac{2}{3}$   $\frac{1}{2}$

b.  $\frac{2}{6}$   $\frac{1}{2}$   $\frac{7}{16}$   $\frac{3}{4}$   $\frac{5}{8}$

C

Add >, < or = into the circles to make the statement correct.

$\frac{5}{7} \text{ of } 56$    $\frac{5}{8} \text{ of } 56$

$\frac{4}{7} \text{ of } 56$    $\frac{5}{8} \text{ of } 56$

$\frac{2}{3} \text{ of } 3 =$    $\frac{3}{8} \text{ of } 8 :$

$\frac{1}{5} \text{ of } 15$    $\frac{3}{5} \text{ of } 50$

$\frac{2}{3} \text{ of } 63$    $\frac{5}{8} \text{ of } 64$

$\frac{7}{10} \text{ of } 350$    $\frac{5}{7} \text{ of } 350$

## Polygon hunt

A

Hunt around your house for a range of polygons. Then sort them into two piles, regular and irregular.

B

Hunt for a range of polygons. Draw them onto paper. State if they are regular or irregular and why.

C

Find a range of irregular and regular polygons. Draw and label them. Explain why they are regular or irregular. And create your own word problem using the polygons you have collected.

attached

available

accommodate

perishable

persuade

amateur

fashionable

forcibly

definite

recommend

tolerable

reversible