



# P6/7 Cuiken Primary Home Learning Grid



Literacy	Numeracy	Maths
<p>1. <b>Writing task</b> - see the family learning part of the grid. Your job this week is to write a set of instructions for making a cup of tea or coffee. You must remember to list all the equipment/items you will need, write the instructions in the correct order, write the instructions clearly, using the correct punctuation, an imperative (bossy) verb and a time connective such as first, next then, after etc. The way I try to do it, as you know, is to pretend you are explaining it to an alien who has arrived from the planet Zurg!</p> <p>2. <b>Reading task</b> - We know that the novel Hole is set in Texas in the USA because of this there are a lot of American words used. Can you find out the meaning of the following word? Pick five and write the words and the British equivalent in your jotter. It will help you with your understanding of the text. The words are: sidewalk, Fall, pants, diaper, elevator, trash.</p>	<p>1. Everyone - Can you remember 'Bus Stop Division' or standard written format? To remind yourself look here - <a href="https://www.khanacademy.org/math/arithmetic-home/multiply-divide/mult-digit-div-2/v/division-2">https://www.khanacademy.org/math/arithmetic-home/multiply-divide/mult-digit-div-2/v/division-2</a></p> <p>Division is simply the opposite of multiplication - it is putting things into groups or sharing. Have a look and try which set you are comfortable with but is still challenging. Remember to start with the largest numbers and ask 'how many times the number can go into'. If you have remainders you can 'carry' them' to the next number although I prefer what the video is doing as it will help with long division later on. Remainders (anything left over) at the very end go at the end of the answer.- i.e.</p> <p>293 r4</p> <p><b>Hot</b></p> <p>12,343 ÷ 3    23,652 ÷ 5    89,764 ÷ 8    45,633 ÷ 4  7861 ÷ 7    33,287 ÷ 3    95,963 ÷ 6    17,325 ÷ 4  36,325 ÷ 5    36,652 ÷ 2    72,434 ÷ 4    11,326 ÷ 6</p> <p><b>Challenge</b> - Can you solve 20,000 ÷ 4 (lots of carrying over here)</p> <p><b>Tasty</b></p> <p>3,704 ÷ 3    7,484 ÷ 6    9,604 ÷ 3    3,178 ÷ 4  2,712 ÷ 4    8,623 ÷ 8    2,378 ÷ 9    4,328 ÷ 9  3,478 ÷ 8    2,492 ÷ 2    7,321 ÷ 7    2,986 ÷ 2</p> <p><b>Challenge</b> - 23,422 ÷ 2</p>	<p>1. Last week we tried questions 1 and 2. This week try questions 3 and 4 only - (Do not do the final paragraph about timetabling yet) Remember that to find area of a shape multiply the length by the breadth. No. 4 is a little trickier - use your addition and multiplication skills to help you.</p>



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Other words in the text are spelt differently because the author is American. Find the correct British spelling of three words: center, color, traveler, offense.

**Spell** Each spelling group should use the words below and pyramid write, then write a sentence for each word using the correct punctuation. Remember to use cursive handwriting. All spelling words are underlined.

**Giraffes** - words ending in 'ant'  
observant, tolerant, hesitant, relevant, defiant, reliant, relevant,

elegant, distant, tolerant

**Tigers** - Words ending in *zhun*  
spelt sion -

confusion, explosion, division, collision, decision, confusion, television

**Lions**- words with *oi* in them  
boil, soil, spoil, coin, join, joint, voice, noise, moist

## **Spicy**

Can you use your times table knowledge to solve these division sums? Remember a division sum is a multiplication sum backwards and you could use peas or pasta as 'cubes' to help you.

$$15 \div 3 = \quad 36 \div 6 = \quad 100 \div 10 = \quad 27 \div 3 = \quad 25 \div 5 =$$
$$64 \div 8 = \quad 55 \div 5 = \quad 72 \div 8 = \quad 56 \div 8 = \quad 36 \div 4 =$$
$$32 \div 4 = \quad 28 \div 3 = \quad 28 \div 3 = \quad 72 \div 9 = \quad 16 \div 4 =$$

2. Can you create 5 word problems using division and solve them? Try not to use numbers that you have used above, so they are not too easy.

For example - There are 18 puppies booked in to be washed at the groomers. There are 3 people working. How many puppies will they each clean?



## **Zoo Designer**



You have been hired to design a new zoo for Edinburgh. The existing zoo is old and cannot keep up with the people who come to visit. You must design it using your maths knowledge of perimeter and time. Here is what you need to include:

- Create enclosures for the zoo animals at the zoo:
  - Elephants - a rectangular enclosure 10cm X 5cm
  - Lions - a rectangular enclosure 9cm X 6cm
  - Giraffes - a square enclosure 8cm X 8cm
  - Tigers - a square enclosure 8cm X 8cm
  - Gorillas - a triangle enclosure 10cm X 10cm X 10 cm

- Work out the total perimeter of all your enclosures

- Work out the area for each of your enclosures.

- Create your own enclosures with a total perimeter of:

- Hippopotamus - 40cm
- Butterflies - 20cm
- Seals - 32cm
- Koala's - 24cm

### Don't forget:

- Show your working out
- Label all the enclosures
- Write in centimetres
- Make your timetable so it is easy for people to read and understand

After you have created your design, you must then create a timetable for visitors to see all of your animals. The zoo is open from 9:00am to 5:30pm. You must have every enclosure open for at least 1 hour a day. You don't want to have too much cross over with enclosure openings because then your visitors won't be able to see all of the animals. Think about the most popular animals and keep their enclosures open for longer than 1 hour to keep your visitors happy. You also have to consider how far the enclosures are away from each other as it might take some time to get from one enclosure to the next.

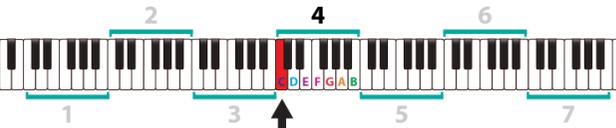
Once you have finished, you can spend some time making sure you have included pathways, green spaces, a restaurant/gift store and car park.

**Challenge** - Can you create an area for an animal that is not already included? You will need to think about the animal's size and how a keeper is going to feed it



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		<p>- draw it in your book.</p>
<p style="text-align: center;"><b>ICT/ RME</b></p> <p>1. If you have looked at the IDL part of the grid you will have learned about adaptation, inheritance and evolution, and the survival of the fittest. This week's challenge in ICT is to do some research about adaptations. Pick one animal you like and find out about its adaptations and why it is suited to its surroundings and habitat. Write this down in your green book.</p> <p>2. The Quran is the Muslim Holy Book and Muslims use it as a guide for living. Write a paragraph or more with your plan for living your life. Where do these principles come from?</p>	<p style="text-align: center;"><b>French</b></p> <p>1. There are so many people I am sure we would all like to thank at the moment. Your task this week is to create a poster thanking different professions and people in French. The slideshow will tell you how to lay this out and will also give you the vocabulary you will need. I apologise in advance if I have missed any people out, but I have also told you how you can find other words online. If you can, please share these on twitter or Google classroom, as I would love to see them. Have fun! Miss Duncan</p> <p><a href="https://docs.google.com/presentation/d/1I8aYyC-igp78T6wjmCCabyuxYbwWxEpLn261k8oyaIo/edit?usp=s">https://docs.google.com/presentation/d/1I8aYyC-igp78T6wjmCCabyuxYbwWxEpLn261k8oyaIo/edit?usp=s</a>haring</p> <p><a href="https://docs.google.com/presentation/d/1I8aYyC-igp78T6wjmCCabyuxYbwWxEpLn261k8oyaIo/edit?usp=s">https://docs.google.com/presentation/d/1I8aYyC-igp78T6wjmCCabyuxYbwWxEpLn261k8oyaIo/edit?usp=s</a>haring</p> <p>2. Follow the link below to access a free French lesson. Tune in every Thursday at 11.30am to see Ann Robertson (Midlothian and East Lothian's 1+2 Language Coordinator) giving a lesson.</p>	<p style="text-align: center;"><b>Expressive Arts</b></p> <p>1. Have a look at this website which is a virtual piano site and works just like a real piano - <a href="https://www.onlinepianist.com/virtual-piano">https://www.onlinepianist.com/virtual-piano</a> Have a go and play around. See if you can make a tune- I used my mouse to do it Try something simple like</p>  <p style="text-align: center;"><b>Middle C</b></p> <p>Twinkle, little star. You will need to start at what is called middle C - which you can see above.</p> <p>If you move up the keyboard what happens to the pitch of the note? What happens when you move down? Write this down in your green jotter.</p>



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	<p>Here is the link to the Live French Lesson, this week it's a live trip to France  <a href="https://youtu.be/pt8PFKzORDY">https://youtu.be/pt8PFKzORDY</a></p>	<p>2. We are nearing the end of our topic but keeping with the theme of animals and habitats have a look at one of these two clips and make your own using a piece of paper and your own hands  <a href="https://www.youtube.com/watch?v=GFTBGnSz704">https://www.youtube.com/watch?v=GFTBGnSz704</a> This is to make an origami dog and this  <a href="https://www.youtube.com/watch?v=JIJsU8tspfc">https://www.youtube.com/watch?v=JIJsU8tspfc</a> is to make a turtle. Show your results on twitter for recognition square!</p>
<p style="text-align: center;"><b>Family Learning</b></p> <p>1. I love a cup of tea. Ask mum and dad how to make a cup of tea (or coffee) and see if you can make one for an adult (or yourself) in the house. Be careful not to scold yourself or spill the hot water. Then do the writing task.  2. Teach someone in your family (that hasn't played before) how to play a computer game (or board game) - this can be something of your choice but could be minecraft, Roadblox, Operation etc.</p>	<p style="text-align: center;"><b>Health and Wellbeing/ Exercise</b></p> <p>1. Lockdown may have made you think about the importance of positive, caring relationships and how important they are for your Health and Well being: Give an example of a relationship you think has been strengthened as a result of lock-down. (It can be anyone - friend or family).  2. Primary 6/7 your task is to walk/run/cycle between 3-5KM over the course of the week. Track your route and time and take some photos along the way! Post these on Twitter and tag the school with your results! If you manage to complete more than this, there may be some extra recognition squares coming your way! I'll be watching for your progress. Good luck, Lauren!</p>	<p style="text-align: center;"><b>IDL</b></p> <p>1 This week we are going to look at adaptation and evolution. Adaptation is how living things are adapted to their habitats. This means that they have special features that help them to survive where they live. For example a lion is adapted in this way - their tan color allows lions to blend in with the savannas, open woodlands and deserts in which they live. Long, retractable claws help lions snare their prey, while rough tongues make it easy for them to peel back the skin of that prey and expose its meat. Arctic foxes and hares coats change colour during the winter months to blend in with snowy</p>



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		<p>conditions. Watch this clip and see if you can answer the questions in the quizzes there.</p> <p><a href="https://www.bbc.co.uk/bitesize/topics/zvhhvcw/articles/zxg7y4j">https://www.bbc.co.uk/bitesize/topics/zvhhvcw/articles/zxg7y4j</a></p> <p>2. Turning now to evolution. We all inherit characteristics from our birth parents- for instance my mum and dad are quite short and have brown hair and that is why I am quite short and have brown hair, and I am afraid to say my lovely double chin comes from there too! (Thanks mum and dad!). This works exactly the same in animals. Have a look at this clip</p> <p><a href="https://www.bbc.co.uk/bitesize/topics/zvhhvcw/articles/z9qs4qt">https://www.bbc.co.uk/bitesize/topics/zvhhvcw/articles/z9qs4qt</a> Pay particular attention to the glossary at the bottom of the page. <u>Copy these into your book as you might well need them next week!</u> Then complete the fill in the missing words on the BBC bitesize page. Those animals that are not well adapted to their habitat die out but those animals that are well adapted to their habitats have the best chance of survival. This is called the 'survival of</p>
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		<p>the fittest.' The well adapted live and go on to produce young that are also well adapted, meaning an animal can change gradually over time. If all animals fail to adapt then the species will become extinct.</p>
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**Complete each activity on the grid - these can be completed in Green Jotter you were given.**