



# P6/7 Cuiken Primary Home Learning Grid



## Literacy

1. **Writing task** - As you know Stanley starts to write to his parents in chapter 18. Your task is to write a letter, as Stanley, to his parents telling them what Camp Green Lake is like, how he is getting on and what the other boys and staff at the camp are like. You will need to use 'Dear' and 'love Stanley' Remember he doesn't tell them the truth about camp. Once you have written the letter tell me why you think he fibs to his parents about the camp.

2. **Reading task** - Read Chapters 20 - 28 of our class novel Holes and answer the following: In chapter 20 Stanley says he "wonders if this was how a condemned man felt on his way to the electric chair." Find out what a condemned man and the electric chair are and write it down in your book.

We find out that Sam sells something with his donkey Mary-Lou. What is it? (This is important

## Numeracy

1. We are going to look at division again this week. You need to pick, from below, something that will challenge you but you will be able to do. Please complete these as standard written format (bus stop), like we did last week. Remember division is simply the opposite of multiplication - it is putting things into groups or sharing. Remember to start with the largest number and ask 'how many times the number can go into'. If you have remainders you can 'carry' them' to the next number. Remainders (anything left over) at the very end go at the end of the answer. - i.e.  $293 \text{ r}4$ . If you pick the ones with decimals have a look here first- it is the same procedure as a whole number but he will tell you where to place the decimal point - <https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-arithmetic-operations/cc-6th-dividing-decimals/v/dividing-a-decimal-by-a-whole-number> He like to bring his numbers 'down' and I know some of you work along the way - it really is the same thing but working down the way will help with long division later on.

### Hot

$$\begin{array}{cccccc} 3.74 \div 2 & 1.96 \div 7 & 9.33 \div 7 & 5.00 \div 4 & 4.38 \div 3 & \\ 6.86 \div 2 & 1.92 \div 8 & 2.52 \div 8 & 4.05 \div 9 & 9.55 \div 5 & \\ 7.59 \div 3 & 13.80 \div 4 & & & & \end{array}$$

**Tasty-** for those that have tried long division try these -

$$\begin{array}{cccccc} 1129 \div 38 & 1306 \div 40 & 1226 \div 51 & 8524 \div 77 & & \\ 1683 \div 82 & 7380 \div 83 & 2122 \div 72 & 1704 \div 82 & & \end{array}$$

## Maths

1. Last week we tried questions 3 and 4. This week try the penultimate (second from last) paragraph which is about timetabling the visitors to your zoo.



### 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 area. 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.



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for the rest of the book.)  
Katherine found it easier to talk to Onion Sam when he was working on the school. Why do you think this is?

What happens to Onion Sam tells us a lot about America in the past. (and present days events unfortunately, if you have seen the news). Write down what happens to Sam and why?

Kissing Kate Barlow is an outlaw. Find out what an outlaw is and write that in your book.

**Challenge - if you would like to know more about outlaws I have put up some information about some infamous outlaws on Google Classroom.**

**Spelling** Each spelling group should use the words below and rainbow 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 *shus* spelt **-cious**

$5094 \div 38$   $1752 \div 77$   $4984 \div 43$   $8842 \div 41$

**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.

$25 \div 5 =$   $60 \div 12 =$   $45 \div 9 =$   $24 \div 3 =$   $35 \div 5 =$   
 $64 \div 8 =$   $15 \div 5 =$   $35 \div 7 =$   $24 \div 2 =$   $20 \div 10 =$   
 $16 \div 4 =$   $20 \div 5 =$   $40 \div 4 =$   $12 \div 3 =$   $12 \div 4 =$

2. Pick from the following set of addition questions.

**Tasty - Use the number 233,456**

and add 100,000, 10,000, 1,000, 100, 10, 1, 0.1, 0.01

**Spicy - Use the number 5,324**

and add 1,000, 500, 100, 50, 10, 1, 0.5

**Hot - Use the number 25**

add 100, 10, 5, 2, 1

**Challenge- can you subtract as well?**

**Challenge- Can you complete the final paragraph and plot out the whole zoo - do it in those measurements if you can but if you don't have a big enough piece of paper it does not need to be done to scale.**

2. A new Sumdog competition is ready for you. These tasks will be challenging and are tailored for you all! They are all to do with time and timetables.



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ferocious, precious, spacious,

vicious, suspicious, malicious

We can add suffixes to some of our words, too -

viciously, spaciously, graciously,

suspiciously, maliciously,

ferociously

**Tigers** - Antonyms are words that mean the opposite of another word. Sometimes we just add a prefix that means 'not' or 'opposite' to a root word such as 'un', 'dis', 'in' and 'il' to get the opposite.

illegal, illogical, illegible, illiterate,

unclear, dislike, incomplete,

impossible

**Lions**- words with **ue** in them

blue, clue, true, untrue, glue,

glueing, gruesome, argue



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## ICT/ RME

1 Research the Dodo. Find five interesting facts about it and why it became extinct. Write them in down in your jotter.

2. One of our school rules is about Being Kind. Thinking about being online which of these do you think are kind? Make two columns and head them up KIND and UNKIND place the phrases below in the correct column or you could make a Venn diagram if you would prefer. Then have a discussion with an adult telling them which column you put them in and why. -

- Sending a Happy Birthday message to your friend.
- Facetime a friend because you thought they looked sad at school.
- Using your device to video someone falling over in the park.
- Taking a photo of your friend without their permission
- Sending a poo emoji to a friend.
- Emailing a photo of something you made to your grandparents.
- Printing out a poem you found

## French

1. This week, we are learning a bit about famous French people. Go to [www.euroclub-schools.org](http://www.euroclub-schools.org). Enter the 'French Zone'. Click on 'Famous French People'. By clicking on the names and reading the information, can you answer the questions? Remember, all the answers are on the website, so you don't need to search elsewhere for them.

1. Who wrote the story about the hunchback of Notre Dame?
2. Which French saint is associated with the town of Lourdes?
3. Which female saint led the French army into battle?
4. Which French writer wrote a famous chapter about a sponge cake?
5. Which French writer hated the Eiffel Tower?
6. Who built the famous bridge of Avignon?
7. What was Coco Chanel's lucky number?
8. The musical *Les Misérables* is based on a book written by which author?
9. What was the real name of Coco Chanel?
10. Name a famous song by Edith Piaf.

2. The Link for the Live French Lesson for this week <https://www.youtube.com/channel/UCO4YR8hhRveNhvZrz9xptDQ>

## Expressive Arts

1. Andy Goldsworthy is a famous environmental artist who uses natural things. Have a look at the PowerPoint on Google Classroom and then have a go at your own environmental art. Please take a photograph of your art and put it up on Twitter or Google Classroom. All the best with your masterpieces!

2. Play this clip from YouTube but do it without watching the video - so noise only.

<https://www.youtube.com/watch?v=k2RPKMJmSp0> It is a piece of music called Carnival of the Animals by Saint-Saens. Without looking try and see if you can guess what animals are in the carnival. The composer, Saint-Saens uses pitch (how high or low a note is) and tempo (how fast or slow the music is) as well as dynamics (how loud or soft the notes are) to convey an animal. Write down what animals you think are in the carnival. Then watch it and see if your predictions were right. If you would prefer just relax and enjoy the very famous piece.



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<p>online and telling people you wrote it.</p> <p>Sending a photo of a friend to other people.</p> <p>Posting mean comments about a YouTube video.</p> <p>Finding a funny picture online and sending it to a friend.</p> <p>Asking a friend permission to post a picture you like of them online.</p> <p>Emailing your aunt to say thank you for a gift she sent you.</p> <p>Watching YouTube videos on your phone at the dinner table.</p> <p>Reporting someone in an online game for doing something inappropriate.</p>		
<p style="text-align: center;"><b>Family Learning</b></p> <p>1. Last year the school took part in the Great Science Share with the help of the Easter Bush Science Outreach Centre (Edinburgh University). This year we are going to do the same along with Cornbank, Strathesk, Sacred Heart and Mauricewood Primaries.</p>	<p style="text-align: center;"><b>Health and Wellbeing/ Exercise</b></p> <p>1. You know I like classical music and particularly film theme music as it can be very relaxing. Play a piece of music and simply lie down and concentrate on your breathing, thinking about nothing else. Here are two of my favourites - I am sure you will recognise them - <a href="https://www.youtube.com/watch?v=zHalXjs0cDA">https://www.youtube.com/watch?v=zHalXjs0cDA</a> and <a href="https://www.youtube.com/watch?v=2-qrMz-JAzo">https://www.youtube.com/watch?v=2-qrMz-JAzo</a> They are both by John Williams, one of my favourite</p>	<p style="text-align: center;"><b>IDL</b></p> <p>1. Animals such as rhinos can become endangered often as a result of human actions. Have a look at this clip. <a href="https://www.bbc.co.uk/teach/class-clips-video/geography-ks2-ks3-guyanas-endangered-animals/zmrqpg8">https://www.bbc.co.uk/teach/class-clips-video/geography-ks2-ks3-guyanas-endangered-animals/zmrqpg8</a> Write a paragraph in your book about the animals you see in the clip and how</p>



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Please complete the following experiment for this week's family task. It isn't difficult and can be done with items found around the house. Your experiment involves ROCKET MICE. Please follow the instructions and template on Google Classroom, the app and the website to take part. Once you have tried to make the mouse 'rocket' see if you can make it go further or faster by using different things or find out what is the heaviest mouse you can launch - you can weigh it down by using modelling clay in the nose of the mouse. There may be many more questions or adaptations to your mouse that alter its flight or path that you can come up with. You will need to think about the question, come up with a hypothesis (a prediction of how you will be able to make it go higher), record what you see and see if you can measure it in some way, and come to a conclusion. What changes did you make to make it go higher or faster? How heavy did you manage

composers. If these don't float your boat pick something you like but do concentrate on your breathing.

2. Hi everyone, I am so proud of everyone's efforts last week of our launch of the Cuiken Olympic Games. Well done to everyone who participated and especially our winners! This week everyone P1-7 and all teachers challenge is to create your own obstacle course. This can be in the house, in your garden, when you're out on walk! Your obstacle course must include at least 2 different exercises like jumping, hopping etc and it must also include a balance on one leg. Use absolutely anything you can find in the house, cans, bottles, bins, chairs, the weirder the better! You may well have had this as an activity before, use your ideas from that to help you, could you make it even better? Practice makes progress!! The more creative the better! This time it is part of the Cuiken Olympic Games and squares are up for grabs!! Take photos and record videos of you participating and record your time, these will be going onto the leader boards again for an amazing 50 recognition squares up for grabs! Look forward to seeing all your posts, good luck! Lauren 😊

and why they are endangered.

2. You will find an end of topic quiz on Google Classroom - please complete it there if you can. It is a multiple choice meaning you must pick one answer from four available. There is only one correct answer. Google Classroom will let you know how you get on. (Keep your green jotter in front of you as that will help 😊 )

If you can't do it there I have included it on Google classroom and at the bottom of the grid, just print it, complete it and stick it in your jotter.



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to get your mouse? Find out what forces you think are involved - an adult can help here!

To record your efforts you should make a poster showing your science question, hypothesis, what you did, and your results and conclusion then tweet a photograph of you completing your experiment, your result, or you and your poster on Cuiken Twitter and tag @EBSOClab and @RoslinInstitute with the hashtag - #GreatSciShare. The Team at Easter Bush will take the photos and make a short film and will include all Penicuik schools. Please note that by sending your pictures and videos you are giving permission for the University of Edinburgh to use them for the Great Science Share for Schools event both internally and externally. This applies to print and digital media formats including print publications, websites, e-marketing, posters, banners, advertising, film and social media. The scientists there, some of



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which came into school last year, are happy to answer any questions related to science from the children. They will be featured in the movie from the Bush towards the end of term. Please email any questions to L. mason @mgfl.net so these can be passed on by the Thursday 11<sup>th</sup> June.

2. You can now visit family - go and visit someone you have missed such as your Granny. Remember the Government's guidelines and keep a 2 metre distance, keep outside and take your own drink and food. (Go to the toilet before you go too! 😊 )

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<p>1. What is the beginning of every food chain?</p> <p>a) a herbivore b) A green plant c) a predator d) an omnivore</p>	<p>2. Why are green plants called producers?</p> <p>a) Because plants create their own food from sunlight. b) Because plants produce seed. c) Because plants produce fruit. d) Because plants are not carnivores.</p>	<p>3. When plants make their food through photosynthesis they produce (give off) a gas. Which gas do they produce?</p> <p>a) Carbon Dioxide b) Oxygen c) Helium d) Methane</p>
<p>4. Which species give birth to live young?</p> <p>a) Robin b) Crocodiles c) Butterflies d) Mice</p>	<p>5. Which class of animal is warm bodied?</p> <p>a) Birds b) Amphibians c) Reptiles d) Fish</p>	<p>6. What is an invertebrate?</p> <p>a) an animal with wings. b) an animal without a spine. c) an animal which lays eggs. d) an animal with six legs.</p>
<p>7. Which of the following is in the correct order of an insect's life?</p> <p>a) egg---larva---pupa---adult b) larva---pupa---egg---adult c) egg---pupa---larva---adult d) adult---egg---pupa---larva</p>	<p>8. Which adult animal looks very different when it is young?</p> <p>a) Lion b) Frog c) Elephant d) Turtle</p>	<p>9. Why do plants need sunlight?</p> <p>a) Sunlight makes plants warm. b) Sunlight allows plants to flower. c) Sunlight stops the plants from getting too wet. d) Sunlight is needed to make food.</p>
<p>10. Which part of a flowering plant is male?</p> <p>a) the stamen b) the stigma c) the seeds d) the petals</p>	<p>11. Which flowering plant disperses seeds by wind?</p> <p>a) Beech trees b) Dandelions c) Apple trees d) Poppies</p>	<p>12. Flowering plants produce many seeds which many never grow. Why?</p> <p>a) Because many seeds are defective (don't work). b) Because many seeds will not have enough soil. c) Because many seeds may be eaten by animals, blown or washed away. d) The plant likes making seeds.</p>



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13. What does adaptation mean?

- a) Animals and plants like their habitat.
- b) Animals and plants learn to thrive in their habitats.
- c) Animals and plants develop characteristics over time which helps them survive.
- d) Animals and plants share their habitats.

14. If plants and animals cannot adapt quickly enough they die out. This is known as being -

- a) Dormant
- b) Threatened.
- c) Endangered
- d) Extinct

15. Many mammals living in the Arctic have fur which changes in what way over the course of the year?

- a) It becomes which in late spring.
- b) It grows thicker in summer months.
- c) It falls out in the summer.
- d) It changes colour in winter.