You **must** choose 4 maths and 4 topic homework assignments to complete in your homework log book. Homework should be brought in on Thursday 10 December. If you want to do extra – that's great!

Maths Choose 4 to complete	Topic Choose 4 to complete
Number and Place Value Use a dice to create some 3 digit numbers. Roll it 3 times and put the numbers you roll into hundreds, tens and ones columns. Move each of the digits in the columns to create the biggest and smallest number possible with those digits. For example: 7, 3, 8, HTO HTO HTO HTO HTO HTO 378 387 738 783 837 873	**History** What does mummification mean? Research facts about mummification and why is was used in Ancient Egypt.

Calculations
Remind yourself of column addition using the video below:
https://www.bbc.co.uk/bitesize/topics/zy2mn39/articles/z3kmrwx
Use the dice rolling activity above and create 2 or 3 digit numbers to practice adding together using the column method. Remember, when the two digits add up to more than 10 you need to exchange and include the new 10 or 100 below the tens or hundreds column. Then add on the new 10 or 100 when adding up that column.
 	
  273
+ 52
  325
  100
	Geography
	Choose a river of your choice (it could a local one that you visit or one in another country).
	Learn about the river, for example:
	Where does it start and end?
	Are there any towns or cities along the river?
	How do those towns use the river?
	What animals or plants live in the river?

Fractions Practice counting in fractions. Remember to include the whole numbers every time you complete a whole. Begin counting in ½ to 10, then ¼ to 5 and 1/10 to 3. E.g. ½ 1 1 ½ 2 2 ½ 3 3 ½ 4	**Music** Choose three different pieces of music to listen to and write your response to each piece. What did you like/dislike? How did it make you feel? Which instruments can you hear?
Measures Set up a shop in your house and pretend to sell things to your family (or do it for real!). Choose an appropriate price for each item and use your sales skills to try to get your family to buy more than one item. Then calculate their change for them. Work out the change from £1, £5, £10 or even £100 depending on the price of the item.	**Science** Explore the soil from your own garden. What is the texture? The colour? Does it have any stones or leaves in it? Can it form a ball? What if you add water?
Position/ Geometry Use the links below to practice plotting coordinates on a map. Then create your own grid map and write coordinates to help your family find key locations. It could be a map of your house, garden or an imaginative map, such as a treasure map. http://www.scootle.edu.au/ec/viewing/L350/index.html# http://www.scootle.edu.au/ec/viewing/L352/index.html#	**Art** Imagine your journey down the Nile and create a picture to represent what you have seen. Use any form of media to create your artwork.
Time How many minutes in an hour? How many hours in a day? How many days in a week? How many months in a year? Challenge: How many minutes in a day?	**Design Technology** Can you use a card net to create your own Egyptian pyramid. What other 3d shapes can you make from nets?

How many hours in a week? Then create your own time related challenges.	https://www.activityvillage.co.uk/model-pyramids
Statistics Set a question to investigate. For example, what is my family's favourite food? Then use a tally chart to record your family's answers to your question. If possible, you could use video calling to ask more friends and family. After that present you findings using a block graph and answer the below questions: Which option was the most popular? Least popular? How many more votes did the most popular option receive than the least popular? Parents/Carers: Information about how to present block graphs can be found using the below link. https://www.twinkl.co.uk/teaching-wiki/block-graph	**Computing** This half term we will be learning how to use Powerpoint to present a non-chronological report. To practice your skills, create a report at home about a topic which interests you. Challenge yourself to include: A title page, subheadings, correctly punctuated facts, pictures. Remember to change the style of the font to add interest for the reader.

Reading
Please read your home-reading book at least 3 times a week– don't forget to keep a note of how much you read in your home-reading record book.