

# Devonshire Hill Primary School Homework Passport

Year 5

Summer 1

2016/17



## Topic: Making New Materials

Focus Figure: Charles Goodyear

Focus Text: *'What's The World Made Of?'*  
Kathleen Weidner Zoehfeld

1. Choose two materials and explain how they change when they are combined.
2. Research and write a biography of a famous scientist.
3. Create your own 3D model of an object of your choice using newspaper. Explain how you constructed your model?
4. Design your own experiment for changing the state of a material and make a prediction about what you think will happen?
5. Write an article for a science journal about an experiment you can use for changing the state of a material.

Your homework is due to be completed and returned by:  
Friday 19th May 2017

Please remember you should try to complete at least three pieces of homework, one from each subject.

## English

Choose 1 or more to complete:

1. Create a new book blurb for the text *'Under the Moon and Over the Sea'* that you feel would entice children to want to read the book.
2. Keep a diary for a week and give it the title 'A week in the life of (insert name)'.
3. Should pupils at Devonshire Hill be allowed to bring mobile phones to school? Write down all of the arguments for and against.
4. If you were the headteacher for a day and could change one thing about the school, what would you change and why? How would this change benefit others?

## Maths

Choose 1 or more to complete:

1. Roll a dice 7 times to create a 7 digit number. Now round that number to the nearest 10, 100, 1,000, 10,000, 100,000 and 1,000,000. Do this 10 times.
2. Create 10 four digit numbers and multiply those by a two digit and a three digit number using the grid method and the column method.
3. Work out all of the squared and cubed numbers from 1-12. Do you notice any patterns? Explain your findings.
4. Write your own real life division worded problems for a friend and work out the answer. Make them harder and harder to create a challenge.

Don't forget to read your Home/School Reading Books, practice your Weekly Spelling Words in time for your test and learn your Times Tables.

The Devonshire Hill Nursery and Primary School  
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