



Homework Grid

Year 3 and 4

Term: Autumn 1 2017 Young Inventors

Please choose at least one activity to complete each week in your homework book. Homework will be set every Thursday and collected in the following Monday. You are expected to complete phonics or spelling work each week, weekly reading (at least 3 times per week) and times tables work activities weekly too.

| | 1 point | 2 points | 3 points | 4 points | 5 points |
|----------------|---|---|--|--|---|
| English | Choose 6 words from the spelling list overleaf and create your own mnemonics for each word which will help you to remember how to spell it. | Create a monster for your conquering the monster tale. Draw your monster and write a description of it. Try to use expanded noun phrases in your description. | What did you do over the Summer holidays? Write sentences to tell your teacher all about it but you must include conjunctions in your writing. | Create a set of instructions for how to create your own invention. Remember to include all the features of instructions. | Write your own conquering the monster tale. Remember to include the five different parts in your story. |
| Maths | Practice times table facts. Record the number sentences in your homework book. Extension: Write the corresponding division facts. | Partition the following numbers in three different ways. 89 67 48 172 Now choose your own 3 and 4 digit numbers to partition. | Create six 3 and 4 digit numbers. Now put them in order from the smallest to the largest. | Write your own addition and subtraction number sentences and use column method to solve them. Add and subtract 2, 3 and 4 digit numbers. | Using only the digits below, how many different 3 and 4 digit numbers can you make? 5 7 9 6 |
| Theme | Look around your home and make a list of 10 items which have been invented. Now put them in order of importance; 1 being the most important and 10 being the least important. | Design a new food invention. It can be sweet or savoury. Think about the ingredients you might include and what it will look like. Extension: You might like to now make your invention. | Create a timeline showing different inventors throughout history. | You are an inventor! Create a prototype of your invention to show what it would look like once it has been made. | Find out about an inventor of your choice. You can present your findings in your own way for example a fact file or information page. |

See over leaf for details of Spellings and Times Tables for the term



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Spelling Patterns for the Term -

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- Adding suffixes beginning with vowel letters to words of more than one syllable (forget**ting**, forgott**en**, begin**ning**, begin**ner**, prefer, prefer**ed** garden**ing**, garden**er**, limit**ing**, limit**ed**, limit**ation**)
- The i sound spelt y elsewhere than at the end of words (myth, gym, Egypt, pyramid, mystery)
- The u sound spelt ou (young, touch, double, trouble, country)
- More prefixes (**dis-**: disappoint, disagree, disobey **mis-**: misbehave, mislead, misspell (**mis + spell**) **in-**: inactive, incorrect **im-**: immature, immortal, impossible, impatient, imperfect **ir-**: irregular, irrelevant, irresponsible **re-**: redo, refresh, return, reappear, redecorate **sub-**: subdivide, subheading, submarine, submerge **inter-**: interact, intercity, international, interrelated (inter + related) **super-**: supermarket, superman, superstar **anti-**: antiseptic, anti-clockwise, antisocial **auto-**: autobiography, autograph)

Times tables- Children should be able to recall multiplication and related division facts in any order.

By the end of Year 4 children should know and recall multiplication facts for all the times tables up to and including 12 x 12.