



# SUMMER HOMEWORK PASSPORT – LOWER DART



Write your own story that includes a whacky invention.	Design your own 'Thing that goes'.	Make your own 'Thing that goes'.	Look at the angles in your invention - which sort are they? - label them on a diagram
Signed: (Parent & teacher)	Signed: (Parent & teacher)	Signed: (Parent & teacher)	Signed: (Parent & teacher)
Create a 'things that go' themed word search or crossword.	Up-cycle an old toy and make it work again, - try and involve some recycling!	Do something with something that goes! take photos or videos of it and write a short paragraph about it. E.g. ride a pony over jumps, round up sheep, plough a field, mow the lawn...	Choose your favourite 'thing that goes' draw it and label it with its working parts.
Signed: (Parent & teacher)	Signed: (Parent & teacher)		Signed: (Parent & teacher)
Create a board game with 'things that go' in it or on it!	Write a poem in a style of your choice about ...		101 inventor facts. (Well as many as you can) Present it how you like in any format!
Signed: (Parent & teacher)	Signed: (Parent & teacher)	Signed: (Parent & teacher)	Signed: (Parent & teacher)

**Maths Challenges:** 1) Do some measures by making and or cooking a recipe. It could have an invention theme! 2) Play ANY board game with your family and write in your HW book what you played and which maths skills you used. 3) Play 'Dicey Digits' with your family. 4) Play 'Buy one get three free' (times tables - focus on the DIVISION facts please) with your family. 5) Do a survey (asking as many people as possible) about something you are interested in. Present your results in a chart form. Create 3 questions that you can answer, using your results. **HIGHLIGHT THE TASKS YOU HAVE DONE!** Use your book to show what you have done!

**Dear Mums, Dads, Carers and Lower Dart Children.**

I hope you like this new homework passport - the children chose most of the tasks on it. It is aimed to give you lots of options for interesting things to do together. You can pick and choose which ones you do, **IN ANY ORDER. PROVIDING THAT:**

- 1) You do **at least ONE item each week**
- 2) Please **hand in** what you have done by **Thursday EVERY week**, so we can get it back out to you for Fridays. NB the maths is the same - please continue to practise!!!

**You can do as many as you like** - all of them if you want to! (Rewards aplenty for anyone who does excellent work and/or more than the minimum.)

**NB: you should also be reading together every day for at least 10 mins!** Thanks!

*Sophie / Miss Mount*

**Dicey Digits** – You'll need some dice!

Take it in turns to make a 2, 3, 4 or 5 digit number. Say the number and partition it. Extension – what is the smallest / largest number you could make with these digits? E.g. You rolled 3, 5, 1 → 351 Three Hundred and Fifty One → partition =  $300 + 50 + 1$ . Largest: 531, smallest 135. Repeat for about 10 minutes.

**Buy one get THREE Free!** You will need 2 dice.

- 1) choose a times table to practise (up to  $12 \times 12$ )
- 2) roll the dice – e.g. 3 and 4.
- 3) add them together ( $3+4=7$ )
- 4) now do 7 x your chosen times table. E.g. if you chose 3 times table:  $3 \times 7 = 21$ .
- 5) now you get the FREE facts:  $7 \times 3 = 21$ ,  $21 \div 3 = 7$  and  $21 \div 7 = 3$ . Write these out. Practise for as long as you can and for as many times tables as you can. Hint: write out the answers first to help you practise!