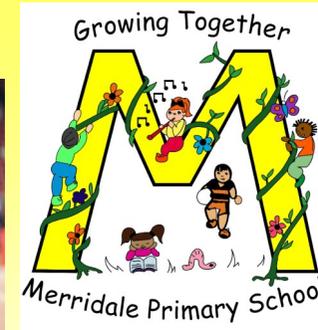


This is where you can write down your own project ideas:



Learning Log



Year 5
Need for Speed!

This booklet contains a list of activities linked to our class topic "Need for Speed!". Pupils can choose which activities they would like to complete (they do not need to be completed in the order presented here). Pupils may do as many activities as they would like over the course of the term.

This learning journal has been designed to encourage pupils to work independently (outside of school) and with parents and carers to complete tasks based on areas being studied at school. Children should complete these tasks in their Discovery Homework book.

These tasks will draw on a range of skills including ICT, Literacy, Numeracy, Music, Drama, Art, Science and Design and Technology skills.

Once children have completed a task they should bring it into their teacher to receive recognition on the class record chart.

Children are also encouraged to create their own ideas for projects and there is space to record these on the back page of this booklet.

Good luck with your learning log!

Suggested tasks and activities (tick when completed):

Research what is meant by air resistance and how this can affect speed. Present your findings in a poster.

Design a poster/explanation text to explain water resistance.

Research and design an information poster to show all things fast e.g. speed of light and sound, the fastest human, the fastest animal, the fastest car and so on.

Design and make your own paper boat or paper aeroplane. Can you design it so that it has the least air resistance/water resistance? How does this affect its speed? Can you design one that would be greatly affected by air resistance/water resistance?

Design and make your own parachute. See <http://www.sciencekids.co.nz/experiments/freefall.html>

How does making a larger parachute affect the speed at which it falls? How about if you cut a hole in the middle?