



Cramlington Village Primary School
REAL projects template

Project Name	Project summary What you're going to do and why	Essential question This should be inspiring, not able to be 'googled', requiring you to conduct in depth research and relate to a real world issue	Final project outcome Deadline date? How you will promote? Who will be invited?
	We are going to focus on cars and how the invention of the car has changed through history. We will begin by looking at the horse drawn cart and end by designing what we think a car in the future will look like.	Can we beat the greatest invention?	Mini project - children to design a pattern and paint a used car Mini Project - sculptures out of bike/car parts - video their creation Final - Art exhibition for nursery children in the local area.

Wow moment This needs to happen within the first week of term - preferably on the first day	Key staff	Key contact numbers/websites/resources	Classroom environment What will you be doing to your classroom? What resources do you need	Key text
Newburn Hall Motor Museum Apple - scratch? North East Automotive Expo Halfords - keeping spare bike parts Whitley bay classic car show - 15/09/19 Beamish classic car show - 29/09/19 Discovery museum - transport through time	Louise Jones Becci Fisher Gemma Mason	https://newburnmotormuseum.weebly.com/ Apple shop - trip ideas Nissan - trip ideas Halfords - car parts Ford garage Mechanic talk? Laing art gallery - exhibit photos and art	Old bicycle parts and wheels Tools - hammers, screw drivers, goggles, high visor jackets Mechanic workshops Cars from different eras	Year 1 - Mr Gumpy's motor car Year 2 - The most magnificent thing Cars and cars from the past, inventors, transport, Da Vinci,

Year 1

Year 2

Both Year 1/2

02.09.19	Launch - Car has appeared in the playground - invitation to see the car and it needs a face lift!	Key questions: Is a car the greatest invention? Recount of trip	Literacy - The most magnificent thing, narrative - capital letters/full stops, finger spaces, adjectives, verbs - comprehension skills, weekly CE words practise Maths - Place Value Art - How do designs begin? Looking at drawings by Leonardo Da vinci - observational still life drawing of the car - looking at techniques PSHE - resilience - never giving up History - How has transport changed? Looking at the pictures to find out information about the past - what questions can you ask? Literacy - Mr Gumpy's Motor Car Handwriting and Letter formation/pencil control Maths - Place Value (within 10) Art - Still life drawing of launch Car		
09.09.19		Key questions: Did cars always look the same?	Literacy - The most magnificent thing, narrative - weekly CE words practise, conjunctions Maths - Place Value Science - Materials - identify a variety of materials - label car parts - what materials can you identify? History - A history of cars - timeline of events Literacy - Mr Gumpy's Motor Car Maths - Place Value (within 10) History - Old and new cars, what differences can you see/how have they changed?		
16.09.19		Key questions: Who invented cars?	Literacy - The most magnificent thing, narrative - Maths - Place Value DT - Design an appealing product, drawing and mocking up designs - can we choose the best design? Investigate a variety of artists (Roy Lichenstein, William Morris - how are they similar/different? Can we be inspired by their designs?) History - Looking at the life of significant individuals - Ford Literacy - Mr Gumpy's Motor Car Maths - Place Value (within 10)		

				Art - planning decoration for the launch Car.		
23.09.19		Key question: Can we design our own car? Mini project - Decorate a car based on key artists		Literacy - The most magnificent thing - narrative Maths - Addition/Subtracting Science - Materials - can we make a car using different materials? - clay, lego, metal, paper - children to sculpt their own models - can we compare suitability? DT - Children to paint their designs on to the car - small groups Literacy - Mr Gumpy's Motor Car Maths - Place Value (within 10) DT - decorating launch car using chosen design. Children vote from a small selection of ideas.		
30.09.19		Key question: Can we evaluate our design?		Literacy - Poetry Maths - Addition/Subtracting Science - Can we test how materials change shape? Forces - bend/squash etc. DT - Children to evaluate their design - was it effective? What can I do better next time? Literacy - Maths - Addition and Subtraction (within 10) Art - still life drawing of launch car after decoration.		
07.10.19		Key question: Can we test how cars move?		Literacy - Poetry Maths - Addition/Subtracting Science - Can we test how cars move? Looking at friction and ramps - children to test how fast cars move on different surfaces ICT - Algorithms - programming using cars Literacy - Maths - Addition and subtraction (within 10) Science - cars on ramps - different materials to test/height of ramps.		
14.10.19		Key question: Can we make our own moving car?		Literacy - Children to write instructions on how we made our balloon car Maths - Addition/Subtracting Science - Can we create a balloon car? ICT - Algorithms Literacy - Maths - Addition and Subtraction (within 10)		

4.11.19		Key question: Can we recycle car parts?		Maths - Addition/subtraction DT - sculpture - using car parts to make a sculpture - plan ideas and materials Art - Can we create a car print? Focus on Andy Warhol Literacy - Maths - Addition and Subtraction (within 10)		
11.11.19		Key question: Can we design our own sculpture? Mini project - design and make a sculpture out of car parts		Maths - Money DT - Build a sculpture out of old car parts Literacy - Maths - Geometry: shape		
18.11.19		Key question:		Maths - Money Literacy -		

