

<u>Year Group:</u> <u>Year 2</u>	<u>Topic:</u> <u>Great Fire of London</u>	<u>Term:</u> <u>Summer 1</u>	<u>Main Focus:</u> <u>Mechanisms</u>
<u>Rationale For Topic</u> In this unit the children will be developing their design and planning skills, improving their cutting skills by working with stronger materials and developing their joining skills. This unit builds on the previous DT project when we made our Tudor House in Aut 2.			
<u>Lesson Number</u>	<u>Learning Objective (s):</u>	<u>Success Criteria:</u>	<u>Brief outline / reasoning for sequence</u>
1	LO: To think of ideas and plan my moving vehicle	- I will draw and label my design idea - I know what materials I will need - I will design my moving vehicle	In this lesson the children will be shown examples of the moving vehicle they will be making. They will design their moving vehicle and draw and label it. They will need to make a You Will Need list.
2 and 3	LO: To join materials together as part of a moving product	- I will make a base for my moving vehicle - I will create wheels for my vehicle - I will join my wheels to my base	In these lessons the children will build their bases for their moving vehicles. This will include a flat square piece of wood, wooden sticks and milk bottles lids for the wheels. They will have to accurately cut holes into the wheels and join the components together.
3 and 4	LO: To add design to my product	- I will create a design to cover the base of my vehicle - I will accurately cut my design out - I will follow my design brief	In the next two lessons, children will complete their vehicles by adding a design to cover the base of the vehicle. I will show the children some ideas they could use. They will have to carefully cut and join their design so there is a front and back.
5	LO: To evaluate my design	- I can identify what went well	Children to evaluate their final product. What went well? Did the vehicle move/work? Did the design cover up the

		- I can identify what I need to improve - I will write what I will do differently next time	base? How could you improve your design next time? Would you change anything?
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