

Design & Technology

What is D&T?

Design and Technology helps to develop children's skills and knowledge in design, materials, structures, mechanisms and electrical control.

They are encouraged to be creative and innovative, and are actively encouraged to think about important issues such as sustainability and enterprise.

Whilst school is closed, we would love the children to take part in a D&T Whole School Challenge to get designing, creating and innovating!

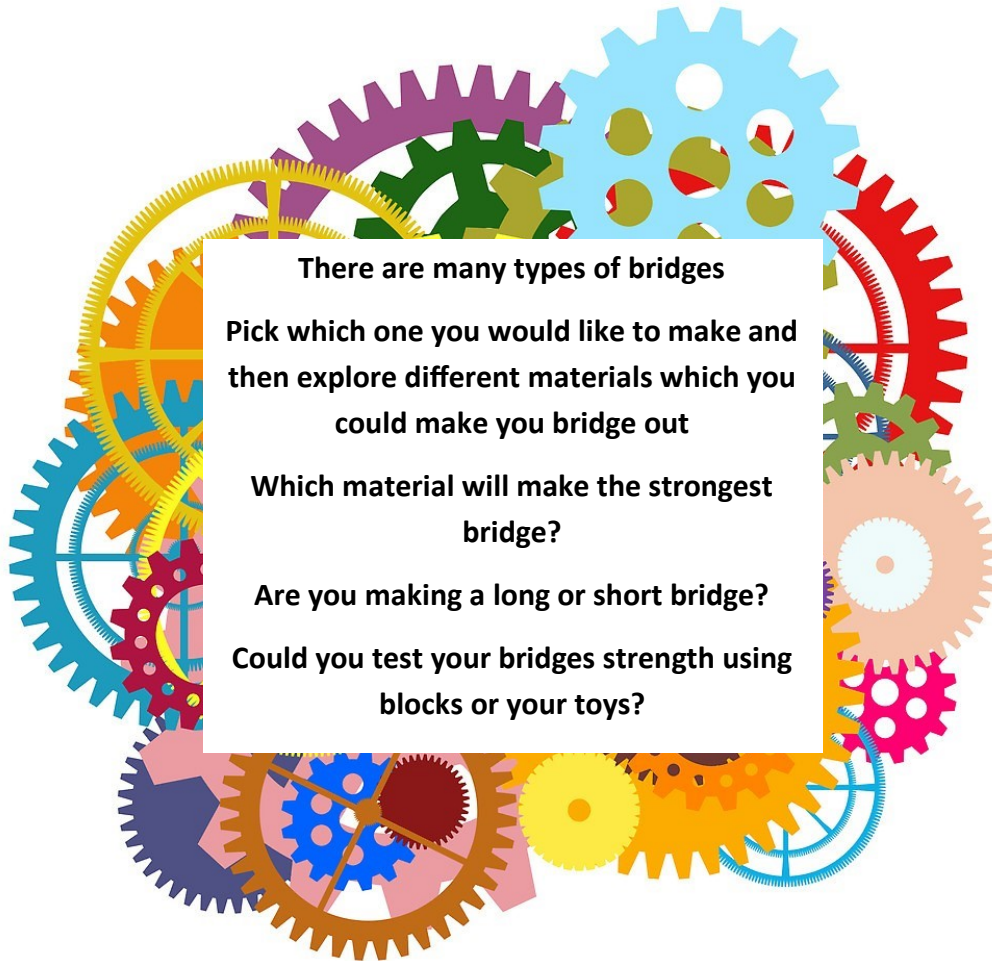
There will be a different theme each week, and we would like you to take photos of your creations and Tweet them @witton_walkce or on our Facebook Page @wittonchurchwalk

This week, the week beginning the 15th June, we would like children to build a bridge. It could be any type of bridge (see next page for examples) and it can be made out of anything...Lego, paper, straws, cardboard, lolly sticks, egg boxes etc.

HAVE FUN and we can't wait to see your final products



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There are many types of bridges

Pick which one you would like to make and then explore different materials which you could make your bridge out

Which material will make the strongest bridge?

Are you making a long or short bridge?

Could you test your bridge's strength using blocks or your toys?

Types of bridges: Based on Structure



Beam bridge



Truss bridge



Cantilever Bridges



Arch bridge



Tied arch bridge



Suspension bridges



cable-stayed bridge