Building bridges project



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Over the next week we would like you to research, design, build and test some different bridges. You can present your project however you like; it could be in a book, poster, powerpoint, video or any other way you want.

Your project could include;

Research – find pictures of different famous bridges and print them or draw them.

<https://content.twinkl.co.uk/resource/d0/a1/cfe2-g-139-bridges-around-the-world-display-photos-english_ver_1.pdf?__token__=exp=1605095294~acl=%2Fresource%2Fd0%2Fa1%2Fcfe2-g-139-bridges-around-the-world-display-photos-english_ver_1.pdf%2A~hmac=8ff337dd42a1f25884d4eb7d4d1d73284408292ff69e548590bf7669e5ac77bc>

Find out about different bridge designs. **Arch, truss, suspension, cantilever, beam**. Can you find examples of different types of bridges?

What makes bridges strong? Watch the videos below and have a go at some of these ideas yourself. **You only need paper**!

Idea! Draw and label diagrams or video yourself explaining how to build a bridge.

<https://www.youtube.com/watch?v=WQfbzWkqoFY&safe=true>

<https://www.youtube.com/watch?v=YJuD6g-DZp4&safe=true>

<https://www.youtube.com/watch?v=NwvTldy2_1U&safe=true>

<https://www.youtube.com/watch?v=CqYGVW2Eu6Y&safe=true>

Design - Come up with your own design for any type of bridge. How creative can you be? How will you make it strong? How will you record your design and build?

Record - You can use this sheet below to record your design or you can do it your own way.

* Poster
* Powerpoint
* Video
* Book including pictures, diagrams, photos, writing..
* Any other idea I haven’t thought of!

<https://content.twinkl.co.uk/resource/8a/96/t-tp-6851-build-a-bridge-activity-sheet-english_ver_2.pdf?__token__=exp=1605096036~acl=%2Fresource%2F8a%2F96%2Ft-tp-6851-build-a-bridge-activity-sheet-english_ver_2.pdf%2A~hmac=5dbbb5390c455d5c26e3e655f2cb11573662984e50040a6600c12953d47fc368>

Get creating and have fun!

We can’t wait to see what you come up with.