



**GO**

# INSPIRE THE FUTURE

**Building Bridges  
CREST Challenge**

TOUR GUIDE FOR PARTICIPANTS



A British Science Association programme





**THIS GUIDE HELPS YOU TO PREPARE FOR YOUR TOUR OF THE BRIDGES IN YOUR TOWN. YOU NEED TO RESEARCH AND FIND OUT AS MUCH AS YOU CAN BEFORE AND DURING YOUR TOUR, TO HELP YOU TO GET READY FOR, AND COMPLETE, THE CHALLENGE.**

### **HERE ARE SOME THINGS TO REMEMBER ABOUT YOUR TOUR:**

- Your tour is being led by an employer, who is giving up their time to help you learn
- Respect all group members, including the bridge tour leader
- Pay attention and try to get as much out of the tour as you can
- Bridges often run across rivers or railway lines. These can be very dangerous, as can falling from a height. Follow all safety instructions you are given, and pay attention to what is happening around you. If you see someone doing something dangerous or something that might be a danger to you or to someone else, tell an adult
- Why not research the bridges online before you visit them? Having some of the information noted down in advance will give you more time to spend looking at the bridge in real life, and thinking about how the structure works.

### **HERE ARE SOME THINGS THAT MIGHT BE USEFUL TO THINK ABOUT:**

- How are the roads approaching the bridge laid out? You might want to draw yourself a picture to help you to remember this when you get back
- Are there any restrictions on the type of vehicle that is allowed to cross the bridge? This will help to give you an idea of how strong the bridge is
- How can you tell the dimensions of the bridge? Measuring it would be very dangerous, so don't do that. Can you see something about the bridge that will help you to work out its dimensions, and might be useful to know? Hint: you can probably find the dimensions of the bridge online, but this might not tell you how much traffic the bridge can take. What might you count to give you an idea of this? (The answer is below)
- Does the bridge have any special features? Note them on your worksheet. Some bridges are designed to have special features, such as a roadway that raises, swings or moves in some other way to allow river traffic to pass. This might help you when it comes to meeting the Challenge you will be set.

**Make the most of your visit, and enjoy learning from a professional about what it is like to work on construction projects.**

GO

# MAKE A DIFFERENCE

For more information on  
CREST Awards and Go Construct

Please visit

**[goconstruct.org](http://goconstruct.org)**

Or contact

**[experience@goconstruct.org](mailto:experience@goconstruct.org)**

CITB operating as Go Construct. CITB is registered as a charity in England and Wales  
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