

# Teacher sheet 2

## DELIVER AS AN EXTRACURRICULAR PROJECT OR THROUGH A CLUB

The resources and competition are a great activity for a club or independent learning project, and challenge students to think about some real, contemporary design issues.

There's no set time requirement and you can make the project anything from a quick activity to an extended challenge. These ideas give you a handy starting point you can easily adapt to suit your needs.

### GET STARTED

- Introduce the competition.
- Explain that students can work alone or in groups of up to four.
- Hand out copies of the three Challenge guides and let students decide which one(s) they'll enter.
- Review the Challenge guides and draw students' attention to the Design Brief and 'Get creative!' section – if entering the competition they need to meet these criteria in their entries.
- Hand out copies of the three student stimulus sheets, 'About aluminium', 'About design' and 'Sustainability'. Explain that students need to use these ideas to help them come up with a strong entry. (There are more ideas on teacher sheet 1.)
- To help them students can download a sample entry from [learningaluminium.co.uk/aludtchallenge](http://learningaluminium.co.uk/aludtchallenge) or read it online. Explain that students don't need to match this sample entry, but instead just make their own best effort. Ask students to identify ways in which this entry might stand out for the judges, for example through elements of the design and annotations, and how the 6 Rs have been considered. Students should recognise that this entry has demonstrated an understanding of the properties of aluminium and other materials by justifying the selection of the materials.
- Brief students on when you need them to bring in their completed entries.

### INDEPENDENT LEARNING

Students develop their ideas.

### GATHER IN ENTRIES

Get each student or group to complete an entry form, which you must sign.