

STEM



Lego Challenges

Ask your Scouts to bring their Lego to your next meeting and get them to try some of these challenges.

- Tallest tower – set a time limit and see who can build the tallest tower.
- Footy Colours – make an object of your choice in the colours of your footy team or favourite sports team.
- 100 bricks – make something that uses exactly 100 bricks.
- Word Builds – build a structure or object that includes your name or another word.
- Scout Logo – use Lego to make the Scouts Australia or World Scout emblems.
- Floating – pick a theme such as boats, pirates, sea creatures etc. and build something that will actually float then test it your bathtub or sink.
- Flying – make something that flies.
- Eyes Closed – have a 5-minute challenge where everyone has to build a specific object without opening their eyes.
- Story Telling – build a scene to bring a story to life, it could be a favourite book or movie or an original story. Make this into a patrol challenge by having each patrol build scenes that can be used to tell one consecutive story.
- Catapult – design and build an operational catapult, compete to see who can shoot a paper ball the furthest.
- Lego Races – a great warm up game is to have Scouts race to be the first to complete mini challenges such as “build something that has exactly 5 black, 2 yellow brick and 1 red brick” or “make the first letter of your name using only 1 brick of each colour”.
- House Model – Make a Lego model of your own house (or a room in your house) including the furnishings. For older Scouts increase the challenge by making them measure their real house and build the model to scale.
- Marble Run – all you need is something to raise one side of a board or Lego base mat and you will be able to construct your own marble run.
- Bridges – try any of the classic bridge challenges using Lego, try building the strongest bridge or the bridge with the longest span.