

30 Days of STEM for Year 3/4

Day 1 Using items around your home, create a structure that represents YOU and your personality.	Day 2 Create a structure that withstands the weight of one book without collapsing.	Day 3 Using as many items from around your home as possible, construct a symmetrical structure.	Day 4 Create a structure with at least one ACUTE ANGLE (less than 90*) with items from your home.	Day 5 Find items around your home to help you construct a model of a trap!
Day 6 Using different objects, create any three-dimensional figure, e.g. a cube.	Day 7 Use a variety of different things to help you construct a tunnel.	Day 8 Create any structure with a perimeter of at least 50cm.	Day 9 Find objects around your home to create a realistic model of an animal habitat.	Day 10 Create a structure with at least three levels!
Day 11 Use a variety of different objects to construct a bridge of 30cm in length.	Day 12 Construct a game that can be played by other players.	Day 13 Using items only from your home, construct a structure with at least one OBTUSE ANGLE (more than 90*).	Day 14 Design and construct a boat!	Day 15 Construct a tent or shade structure!
Day 16 Design and construct the tallest tower possible with any items from your home.	Day 17 Create any structure with a perimeter of at least 60cm.	Day 18 Construct a realistic model of any mode of transportation.	Day 19 Create a realistic model of a building in your community.	Day 20 Create a working toy.
Day 21 Design and create a structure that is strong enough to be blown without collapsing.	Day 22 Create a structure with an area of at least 30cm.	Day 23 Build an 8-bedroom mansion.	Day 24 Create a home for an insect.	Day 25 Build a castle with a moat.
Day 26 Make a safety container for a fresh egg to be dropped from 2m high in without breaking.	Day 27 Build a pyramid that can stand by itself. It must have a point, square base and four triangular shaped faces.	Day 28 Build a raft that can hold ten coins and can float on water (you could use straws and masking tape)	Day 29 Build a tower out of newspaper that can hold a basketball. It must be as tall as your waist!	Day 30 Using one pack of playing cards, what is the tallest structure you can make?

