

# STEM Challenge: Perfect Playground Design

## An Activity Linked to Unicef's Playground Challenge

Article 31 of UN Convention on the Rights of the Child states that **all children have the right to play**. By doing your Playground Challenge for Unicef, you will be helping their work to support children around the world access all of their rights.

Did you know, not all children have safe places to play? If you could design the perfect playground for children anywhere in the world, what would it look like?

### You will need:

- Playdough or modelling clay
- Art straws (or normal ones)
- Cocktail sticks
- Paper, card
- Foil (optional)
- Tape, glue
- Scissors



### What to do:

1. Take a good look around your playground or school field.
2. Discuss and make a list of the features of a 'perfect' playground. What should it look like? What should it have?
3. In teams, draw a plan of what would feature in your perfect playground. You could draw the equipment or markings you would like or search for images on the Internet and stick them on to your plan.
4. Now for the fun part! Select your tools and equipment and work together to build a model of your perfect playground.
5. You may decide to work in pairs or groups to complete the different parts of the design. You could make a list of things that need making and work individually to complete them. Just remember, work together to create your finished model.

### Key Questions:

What do children enjoy playing at a playground?

Do you need a lot of small items or fewer, larger pieces of equipment?

How will you construct each part of your playground?

Should you include quiet spaces?

What age groups will your design be for?

How will you strengthen each structure?

Have you considered all abilities?

Is size important?

What is the best material to use?



# Perfect Playground Design Sheet

