

# CHAIN REACTION LIFE SIZE

Teams create a series of simple machines and join them together to make an elaborate chain reaction.

## How it works

Inspired by a video of amazing Rube Goldberg contraptions, participants analyse their pile of recycled materials and plan how they will use them in their zone to create their contraptions. Teams must communicate with teams nearby to ensure they will connect. After building, they test and retest to ensure their contraption will work properly and then flow onto the next team's contraption. Once build time is up, the chain reaction is triggered to the delight of all!

## Learning outcomes

Successful teams understand the task, assess available resources and communicate effectively to make a construction plan. Throughout construction, they appraise and adapt and modify their initial plan. Teams work to develop a common vision, developing a shared strategy which they put into place by applying excellent project and resource management skills. Collaboration between the teams to share knowledge and resources is imperative to success and to extend the limits of creativity and working towards excellence.

## Key business benefits

- ✦ Project management
- ✦ Resource management
- ✦ Time management
- ✦ Inspires creativity and fun



10 - unlimited



Indoors/  
Outdoors



2-8 hours



Competitive/  
Collaborative

