



# Buggy Building

learnlink™

## About the activity

Your pupils' challenge is to design and build a robust and working buggy. There'll be a number of components available, including large plastic barrels, ropes and poles. Our staff can give as much or as little support as you'd like but it's a great teamwork exercise and will help your pupils improve their communication, problem solving and decision-making. Once buggies are ready to be ridden, pupils will attempt to complete a number of challenges such as completing a slalom course!

## Activity aims

### The aim of this activity is to:

- Ensure participants work together supporting and encouraging each other.
- Increase confidence, self-awareness and general social skills.
- Develop communication, problem solving, leadership and teamwork skills.
- Provide an opportunity for participants to discuss what they have accomplished.

## Progression opportunities

### Some participants may also:

- Be able to devise and put into practice a range of solutions to a problem.
- Take a leading role when working with others.
- Identify and respond to weaknesses in their group by planning improvements.
- Take the initiative in evaluating their performance and that of the group.
- Links to science e.g. levers, forces.

### In addition, participants should also have developed in the following:

- Interpersonal communication
- Teamwork
- Decision making skills

## Learning outcomes

### Upon completion of the activity, participants will have:

- Demonstrated the ability to listen to, understand and act on instructions received.
- Developed the skills to work in small groups communicating effectively.
- Collaborated with others in a group to solve a problem or make a decision choosing strategies appropriate to the task.
- Effectively worked in small teams supporting their peers throughout the activity and recognising their achievements.
- Contributed to performance review led by the instructor identifying what they did well and then suggested ways to improve.

## Associated vocabulary

**Words relevant to safety** e.g. boundaries, rules, risk assessment, safety area.

**Words relevant to equipment** e.g. axle, barrels, ropes, brake

**Words relevant to the activity** e.g. co-ordination, planning, imagination, problem solving, solution, improvised buggy, knots, stability, braking.

**Words relevant to teamwork** e.g. achievement, communication, encouragement, listening, participation, review, support.