



SPACE & TIME

Y3-6 MATERIALS & PREP LIST

ACTIVITY 1 – LANDER CHALLENGE (per group):

- 2 paper cups
- 1 elastic band
- 3-4 x ~60cm lengths of string/wool (1 per group member)
- **Target Sheet** (see printable) or paper and pen

ACTIVITY 2 – ROVER CHALLENGE (per group):

- Vibrating motor (wires stripped down using candle or lighter-see video intro)
- 3V coin cell battery (do NOT store touching)
- Paper cup
- Blue tac
- Tape (ideally washi or masking tape)
- Scissors
- 4 craft sticks
- Stopwatch (or other timer)
- Optional: Printed Mars Rover Challenge Sheets

ACTIVITY 3 – EXTENSION:

- Additional junk materials to make rock carrier
- Per group/child: printed **Golden Record** sheet