Building a Track



Building the track: (this is best done with two people)

- 1. Cut the 1220 mm wide corflute sheet in half to give two 610 mm wide pieces of track.
- 2. Mark 150 mm in from each edge of the 610 mm wide corflute sheet.
- 3. Using a straight ridged edge, such as a meter rule or even the corflute, draw a pencil line 150 mm in from each edge of the 610 mm wide corflute sheet, the full length of the 2440 mm panel.
- 4. Cut the conduit 5 mm shorter than the 2440 mm track (2435 mm).
- 5. Adhere double sided tape to the back of the base section of the 2435 mm conduit.
- 6. Adhere the conduit, starting with one end, by slowly and carefully, using the pencil line as a guide onto the corflute. Repeat using the second line to give two conduit tracks.
- 7. The conduit tracks are joined using the 150 mm lengths or dowel.



Schools Sølar

Challenge

synergy)

- Corflute sheets Project Panel 2440 mm x 1220 mm x 5 mm
- Electrical conduit DETA 16 mm x 16 mm x 4000 mm Trunking (pictured)
- Double sided tape
- 🗸 🛛 Straight edge
- Hack saw
- Dowel joiner Porta 16 mm Tasmanian Oak Dowel 1200 mm cut into 150 mm lengths
 (does 8 joiners 1200 mm of track: 5 lengths
 for 2400 mm track)

Electrical conduit



Running a Synergy Schools Solar Challenge program:

- Extension or club program
- Whole of class
- Whole of year

- Assessment ideas
- Extension STEM classes
- Hold a school challenge to select your team to compete
- Get younger students excited about next year

