Tape

LED

A   C

Battery Holder

B

D

Block

Tape

1. Separate the legs on the LED light.
2. Place the LED light(s) on the block as follows:
   a. For the train, place one LED light partway along as in the diagram.
   b. For the dragon, place two LED lights on the edge of the block for the nostrils.
3. Wrap the silver conductive tape over the top LED light leg(s) from A along the block and over the edge to B then cut.
4. Wrap the silver conductive tape over the bottom LED light leg(s) from C along the block to D then cut. Leave a 1cm gap between the two pieces of tape at B and D.
5. Push battery holder pins into the foam to bridge the gap between the two pieces of tape at B and D.
6. Insert battery into holder with positive (+) side facing out.
7. Decorate with sheet foam using glue. It helps to use pins to hold items in place while the glue dries.
8. Put eyes on last.

Only use the conductive tape for LEDs – not for decoration.
Each LED light has two colours. To change the colour of the LED light, turn the battery holder upside down.
To turn the LED light off, take out battery holder and insert it sideways so that its prongs do not touch conductive tape.

#TapeBlock Character Kit

Create a light-up character with a dragon or train kit. These are easy to make with a bit of fine work, such as holding and cutting. Decorating is adaptable.

The kit includes one or two bi-colour, fail-proof LED lights, conductive tape, foam and a 3V button cell battery and holder.

For more information and video tutorial, go to monash.edu/it/making-for-all.

WARNING
CHOKING HAZARD – Small parts, button cell battery and sharp objects. Not for children under 3 years or any individuals who have a tendency to put inedible objects in their mouths.