

## How to get Rudolphins' nose to glow.

### You will need:

- \* A printout of the card on page 2 of these instructions.
- \* A red LED for the nose.
- \* A 3v lithium cell battery as used in a computer, a CR2032 or similar to provide power to illuminate the LED
- \* Cellotape, glue and scissors.

### Method:

1. Carefully open a hole, just big enough for the LED to fit through, in Rudolphins' nose.
2. Slide the thin edge of the battery between the two metal legs of the LED and press the legs gently against the sides of the battery.

If the LED glows then tightly wrap some cellotape around the battery and the LED legs.

If the LED doesn't glow take of the battery and turn it, so that the metal legs touch the opposite sides of the battery, then slide it back and wrap it together with cellotape.

3. Now push the LED through the hole you made in Rudolphins' nose and carefully bend the wires so that the battery lies flat against the card and cellotape in place. You can glue the edges of the card if you wish.
4. The LED will continue to glow until the battery is drained or the legs come unstuck so why not record how long it lasts for. Use the chart below.

### Record of how long Rudolphins' nose kept on glowing.

I think the LED will continue to glow for .....days.

Start date :

End date:

Total number of days: