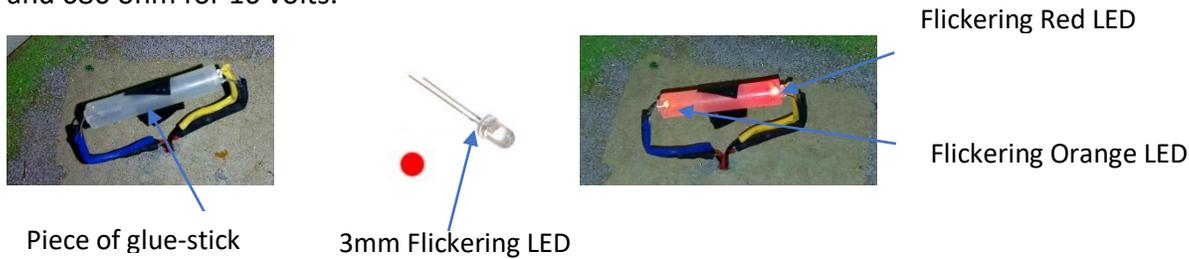


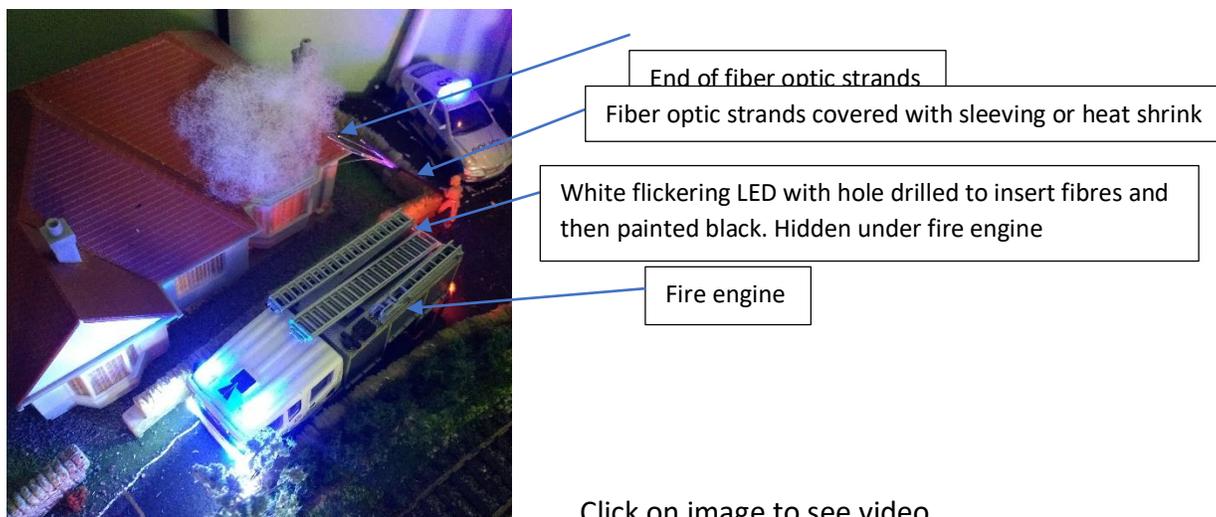
Creating building on fire & Fibre optic hose

Recently I created a simulated fire in a bungalow using orange and red flickering LED's From Railwayscenics which I placed in opposite ends of a piece of glue stick. A 330-ohm resister for 9 volts, 470 ohm for 12 volts and 680 ohm for 16 volts.



The inside of the bungalow was painted black and a piece of black card was also used to divide the building to ensure that the light would only be viewed from a few windows. The stray light in the video is mainly due to the house not being fixed in place. Smoke was created by using a piece of aquarium filter wool positioned on the roof, not glued in place. Teasing out the fibre changed the density of the smoke and drilling a few small holes in the roof could add to the effect, although I decided not to drill through the roof.

Previously I had wired flashing blue nanos with white and red nanos to provide the flashing blue lights, head and taillights in a fire engine all powered by 9v battery. Microlitz LED could also have been used.



[Click on image to see video](#)

I added a further effect (see above) by using several fiber optic strands which I had covered with heat shrink, wire insulation could also be used. The fibre strands were cut to different lengths. One end of the assembled fibre optic strands were glued to a white flashing 3mm led that I had drilled to accommodate. The effect was white pinpoint lights which helped give the impression of water coming from the hose.

Fred

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