



## Workshop (Jude Pullen / Event Handler) 26<sup>th</sup> January 2013 - All Materials Included

- 10:00** Meet & Greet. Coffee & Snacks.  
**10:20** About Jude / Design Modelling – how it got started.  
**10:30** Who you are / What you do / What you would like to model.  
**10:50** Overview of workshop. Health & Safety. TALK: Some Design Influences.

### WORKSHOP SESSIONS

- 11:00** CARDBOARD\* – 90deg & Curved Joint, Cutting a Circle, Folding front/back.  
 + Cutting small holes. Creating a wafer. **[E.g. Card Raspberry Pi]**
- 12:00** FOAM\* – Cutting/Sawing. Whittling a shape. Rasping. Filing. Gluing.  
 + Pollyfilla, U-Pol, (pros/cons), PVA Glue. **[ E.g. Kitchen Knives]**
- 12:40** PAINTING – Brief overview of finishing with sand-paper, paint, etc.  
*(Painting is epic. This session is simply an intro into basic spray-painting).*
- 13:00** *Lunch (+Let stuff dry).*
- 13:40** TALK: Plastic Models **[Plastic Raspberry Pi, LDR Unit & Solder Buddy]**  
 + Creating more rugged/resolved models. Light Pipes. Simple Electronics.
- 14:00** PLASTIC SHEET\* – Score ‘n’ Snap. Rulering edges. Circle Tear-Outs.  
 Trimming edges safely. Referenced measurements (fold ‘n’ remark).  
 Clear plastics, Heat-Gun work, Dremmeling Holes, etc. Spray Mount designs.  
  
*Suggested Mini-Toolbox example?*
- 15:00** *Break & Cool Stuff:– Sugru, Polymorph, Wood’s Metal, Arduino, Rasp. Pi.*

\*5min Examples. Then 2x {5min Demo/~20min supervised experiments} 5min Q&A (time-out).  
 (Idea being to monitor participants and adjust class content to individual skill-levels, as required).

### OPEN WORKSHOP SESSION

- 15:20** Make what you want. Fully supervised / interactive.
- 17:00** Final Feedback/Discussion/Last questions/Repeat anything again?  
*Google Hangout 2 weeks time... Beta.*
- 17:25** *Tidy/Pack your bags (Attendees)*
- 17:30** *Sign-up sheet. Mingle, etc. – while Geeklates/Jude close-up shop.*
- 18:00** End. Down Pub, etc.