# STEaM Club Castlemilk

**Full STEAM ahead**

S - Science
T - Technology
E - Engineering
A - Arts
M - Mathematics

## Presentation to Linn Area Partnership
## February 2025

# Redress a balance

- Only 9% of staff in technology business come from lower socioeconomic groups.

- The most unequal British Industry is not Banking or Law but Technology.

- Tech Cos. Employ some 2M people = 6.3% of UK workforce.

- 9% - 180,000 from lower socioeconomic groups.

- 'A regular STEM Club impacts students to learn transferable skills, widen STEM knowledge and raise aspirations. On average, a club will meet for 30 minutes a week. That means that for two hours a month, young people are developing skills that will last a lifetime.15 Mar 2023'

- **Only 9% of staff in technology business come from lower socioeconomic groups.**
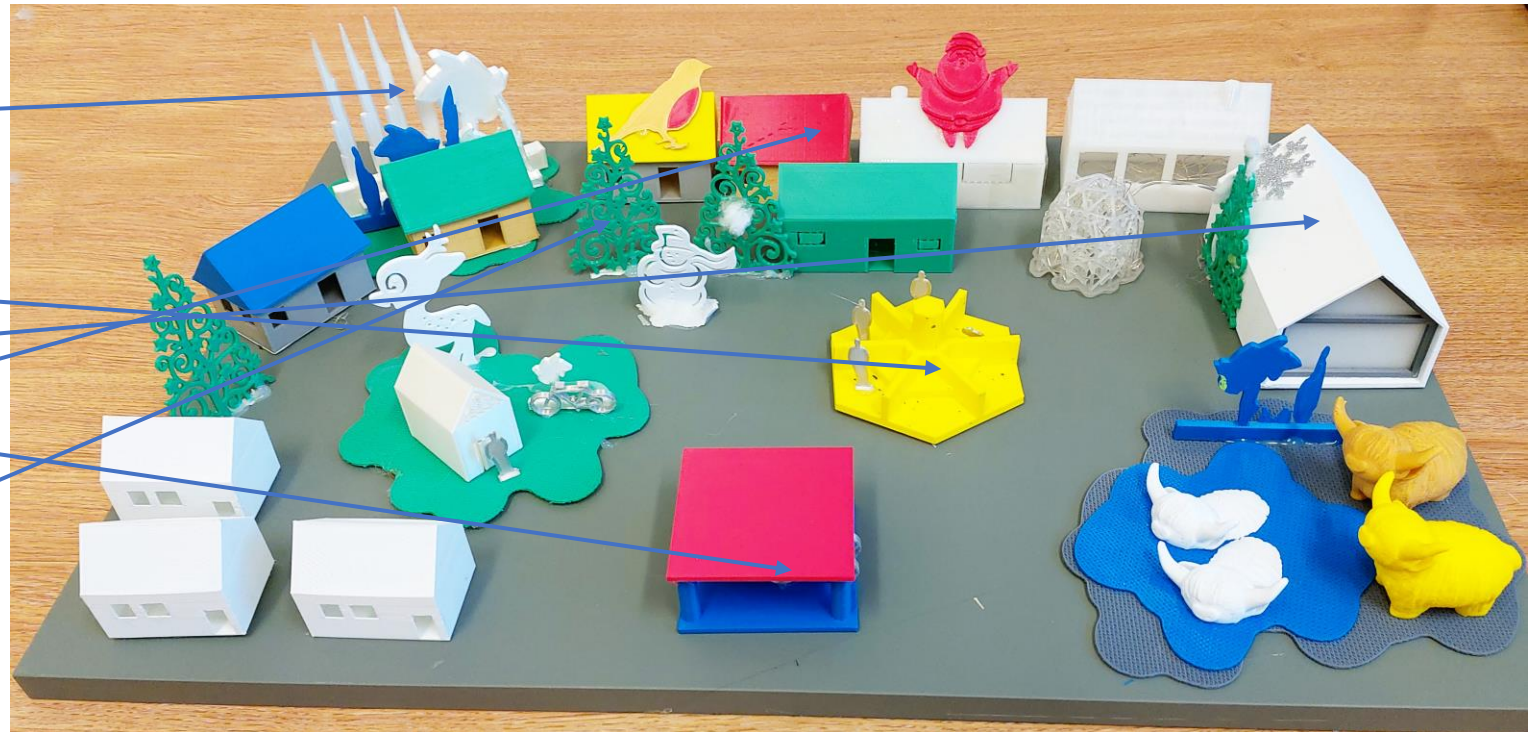
A Village

Creators

Lealand

Carly

Sophia

Lilly G

The Twins

# MINECRAFT

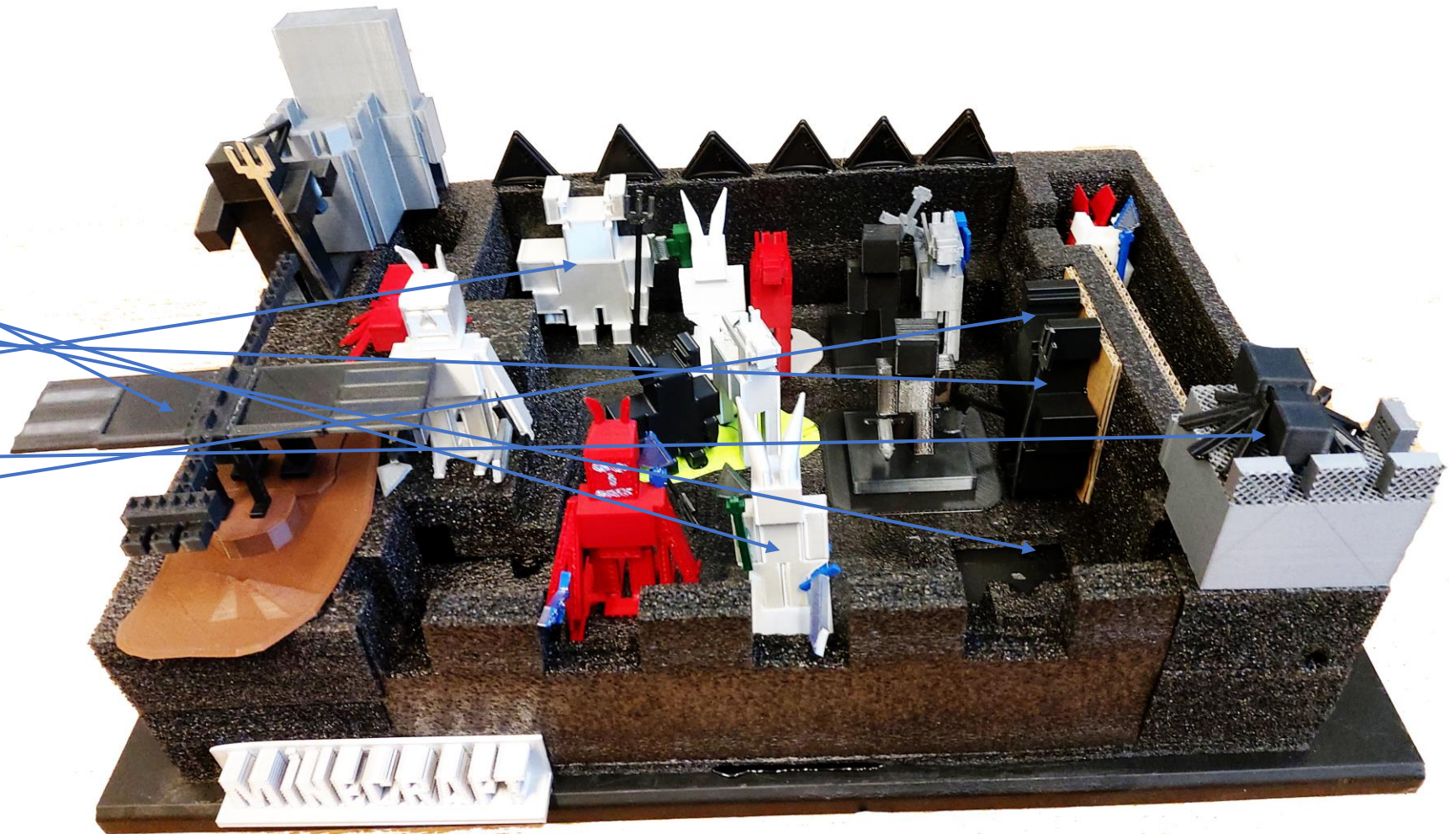**CREATORS**

**George**

**Jamie K**

**Keith**

**Jalal**

**Liam**

**David**

**Yousif**

# Prototype Trolley

Young Kareem is a digital leader and we are working first of all on developing a printer trolley which means that all ages, sizes and abilities can work with these 3D Printers.

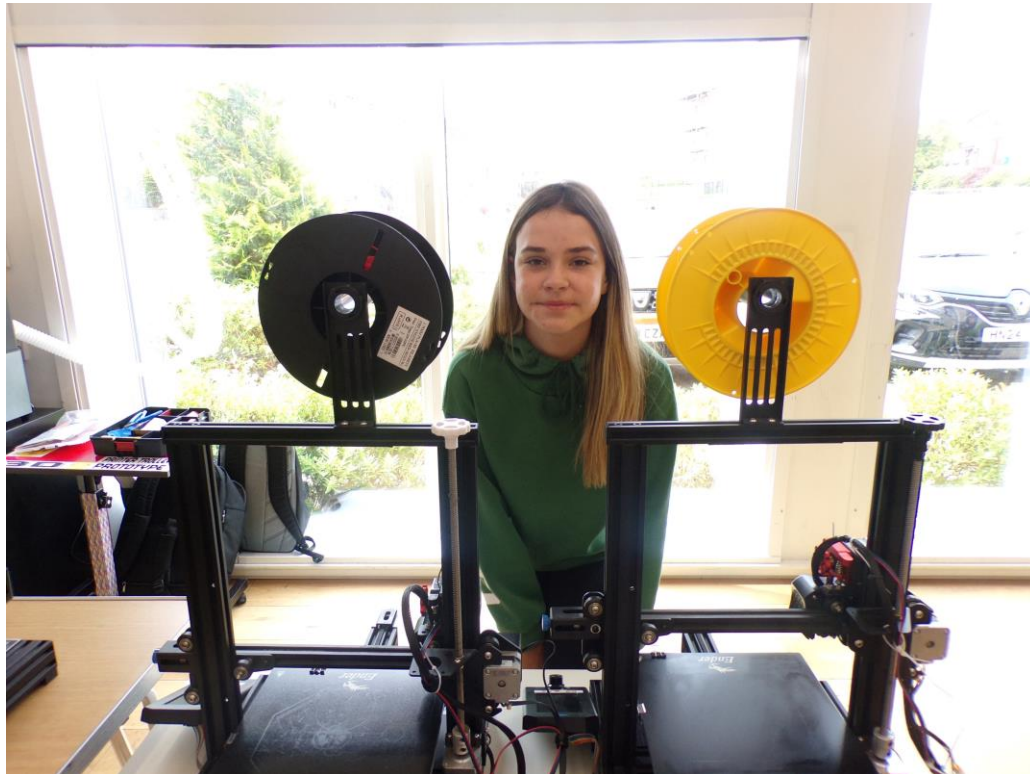They will be able to reach all parts of the mechanisms much more easily than at present.

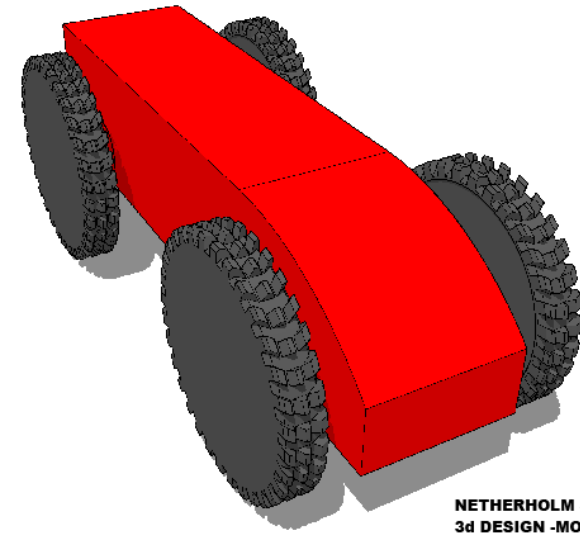We need equipment to do this and your support will be really appreciated.

# Special project – Crafting/Fabrication/
# 3D Scanning/ Design Development/ 3D Printing
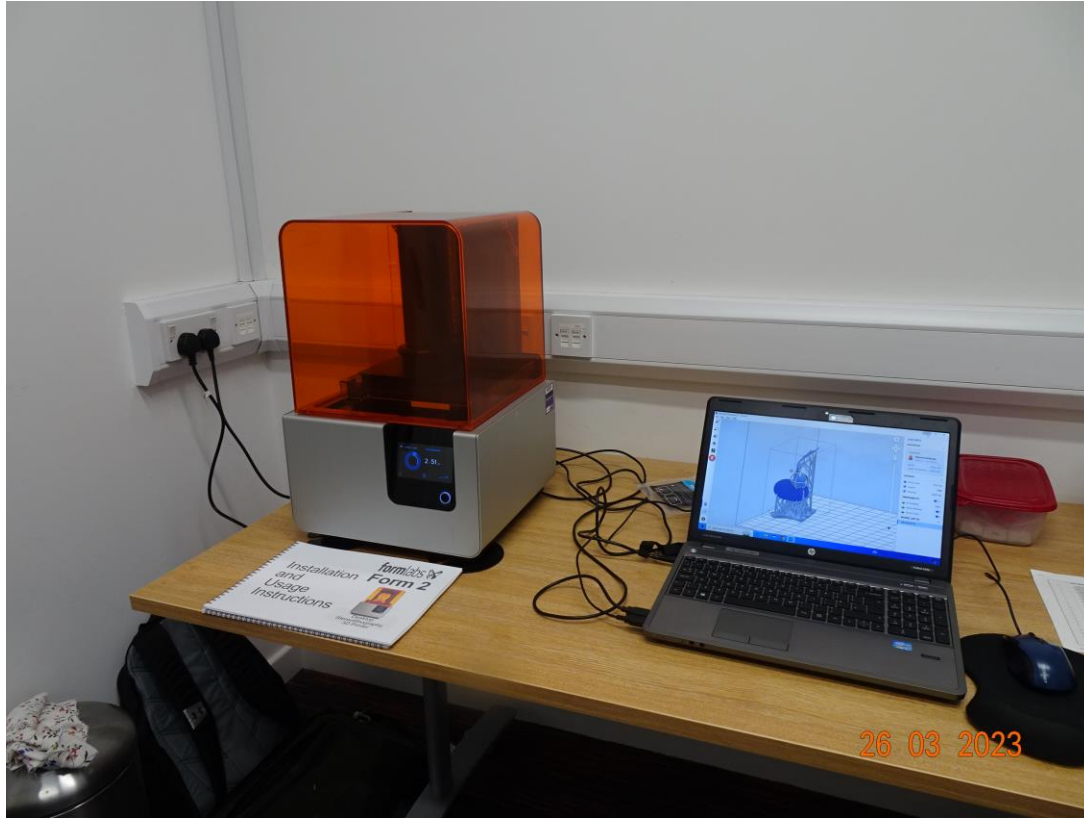
**Lilly – St. Margaret Mary's Sec.**

**Car Design/ Scanned/ Printed**



NETHERHOLM STEAM CLUB
3d DESIGN -MODEL CAR
Designer - L.Garrow July 2024

# Formlabs Form 2 Resin Printer



- A printer donated to the club.
- Capable of highly detailed engineering models.
- Funding required for Enclosure to deal with issues relating to resin.
- We have 3 resin printers.

# Senior Techies

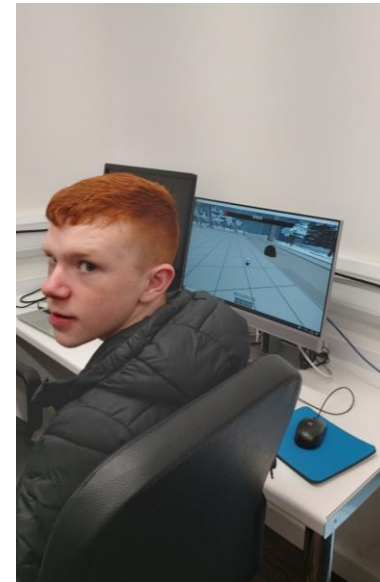From top left

Amira – Printer Operator

Jamie.K- 3D Design / Blockbench & Blender

Jamie.S – 3D Pens

Annas – Technology

George – Minecraft modelling

Lealand – 3D Printing + Crafting

# Workshop at John Paul II Primary Team – Lilly G, Lealand, Me

# A typical Sunday STEM Club