

# ATIP Outreach Grant Report (3) – Bethan Miles



Title of your outreach project: Spin Coating – Preliminary research for preliminary scientists.

## Project Summary and target audience (max 80 words)

To create interest in the scientific process by showing exactly how our process works, and how it is not far from art. Using 'spin art' machines and various paints / inks to show the process frequently used to create prototype solar devices. Targetted at primary schools and maybe at a display stand if quick enough drying inks are found. The demonstration could be scaled up for high schools with the inclusion of a scientific talk.

## Aims and Objectives (include alignment with ATIP here) (max. 250 words)

The aim of this is to get kids thinking about how inks and surfaces react with each other and how changing different parameters can have a big impact on how the end process looks. And how despite the fact that it's art, there are scientific processes involved.

Aliming this at younger kids is an effort to encourage a more diverse range to be interested in scientific study and subjects. It will also provide a building block for more outreach projects. Through training volunteers and providing a basic set of tools that can be uses with different inks and demonstrate different principles.

It would also provide a quick, easy, and safe route to more photovoltaic outreach projects, which can be particularly difficult.



Broadlands Fun Day which this year had 3708 paying visitors.