



Nanotechnology Debate with a Difference

Objectives:

The programme consists of a series of activities that allow participants to explore:

- What “nano” means, and the characteristics of objects at the nano scale.
- The difference between nanoscience and nanotechnology
- The potential applications of nanotechnology applications
- Why a nanotechnology debate exists: what risks and gains are of focus to different groups
- The precautionary principle
- The term “grey goo” and why it has been used in popular press.
- The state of nanotechnology applications that fall into the past, present, future, far future and science fiction.

Nanotechnology Debate Structure

Time (all times approximate)	Activity	Resources
5 minutes	Introduction	None
15 minutes	Opening Talk	Powerpoint if needed
40 minutes	Break into working groups Full Group Tasks <i>(Assisted by visiting scientists)</i>	Task Resources Other props as required.
45 minutes	Break working group into pairs Pair Tasks <i>(Assisted by visiting scientists)</i>	Task Resources Scissors and glue
30 minutes	Working group discussion <i>(Assisted by visiting scientists)</i> Chance to ask scientists questions.	Craft materials
15 minutes	Create presentations	
30 minutes	Give presentations and Goodbyes	
Total = 3 hours		