



## STEAM Activity Resource Pack

### Solar-Powered Water Desalination – Activity Code: cATRV01

#### 1. Printed Role Cards

Cut and distribute to groups. Each role should rotate once during the activity.

##### **ENGINEER**

- Oversees prototype construction
- Tests structural changes
- Encourages hands-on problem solving

##### **RECORDER**

- Completes data table and reflection prompts
- Tracks group discussions
- Ensures clear documentation of results

##### **PRESENTER**

- Presents the infographic and prototype
- Leads team in final class discussion
- Makes sure all voices are heard during sharing

##### **LEADER**

- Organizes team workflow
- Ensures fair participation (especially promoting girls' leadership)
- Encourages inclusion and group focus