

GREENHOUSE GRID DRS

1. Does the concept focus on a method for laying out a 6m x 6m grid on the ground or a method for leveling the ground?
 - a. Method for laying out 6m x 6m grid
 - b. Method for leveling the ground
 - c. Both
 - d. Not Explicitly Stated

2. (if focuses on laying out 6m x 6m grid) Does the concept focus on measuring out a grid, or marking the grid on the ground?
 - a. Measuring out a grid
 - b. Marking the grid on the ground

3. (if focuses on measuring out a grid) What approach does the concept use to measure out the 6m x 6m grid?
 - a. Measuring shapes
 - b. Sticks/ rods
 - c. Flexible/ hinged linkages
 - d. String
 - e. Wheels
 - f. Vehicle
 - g. Net
 - h. Projection of grid pattern or measurement on the ground
 - i. Footsteps
 - j. Other: _____
 - k. Not Explicitly Stated

4. (if the concept uses measuring shapes) What does the measuring shape look like?
 - a. Triangular
 - b. Square/ rectangular
 - c. Circular
 - d. Cube
 - e. A cross/ 'X'
 - f. Other: _____
 - g. Not Explicitly Stated

5. (if the concept uses measuring shapes) What material is the measuring shape made of?
 - a. Paper
 - b. Plastic
 - c. String
 - d. Wood
 - e. Other: _____
 - f. Not Explicitly Stated

6. (if the concept focuses on marking the grid on the ground) What method does the concept use to mark the ground?
 - a. Flying projectiles
 - b. Rolling cylinders with spikes
 - c. Rolling wheels with spikes
 - d. Spray paint
 - e. Manual hand drill
 - f. Shovel

- g. Other: _____
 - h. Not Explicitly Stated
7. (if the concept uses Projection of grid pattern on the ground) What light source does the concept use to project the grid pattern on the ground?
- a. Sunlight
 - b. Flashlight
 - c. Electronic projector
 - d. Other: _____
 - e. Not Explicitly Stated
8. (if focuses on method for leveling the ground) Which approach does the concept use to level the ground?
- a. Hanging weight
 - b. Container with liquid
 - c. Conventional liquid bubble level
 - d. Tarp
 - e. Stakes
 - f. Shovel
 - g. Other: _____
 - h. Not explicitly stated
- 9.
10. (if focuses on method for laying out 6m x 6m grid) Does the concept approach the problem using a single step or multiple steps?
- a. A single step
 - b. Multiple steps
 - c. Not Explicitly Stated
11. (if focuses on method for laying out 6m x 6m grid) Does the concept rely on human labor or machines to satisfy the design goal?
- a. Human labor
 - b. Machines
 - c. Not Explicitly Stated
12. What additional features does the concept involve?
- a. Robots
 - b. Lego pieces
 - c. Other: _____
 - d. Not Explicitly Stated
13. Does the concept provide a method for laying out a 6m x 6m grid on the ground or a method for leveling the ground?
- a. Yes
 - b. No
14. (if the concept provides a method for laying out a 6m x 6m grid on the ground or a method for leveling the ground) Is the concept technically feasible (is it possible to make it)?
- a. Yes
 - b. No
15. (if the concept is technically feasible) Is the concept easy to execute (is it easy/ plausible to manufacture and implement it)?
- a. Yes
 - b. No