

Use the following experiment for questions 15 – 19.

One day, Kelly noticed that her mother's sunflower plants weren't all the same height. She created a hypothesis that if sunflower plants received more direct sunlight, then the more they would grow. She potted three new sunflower plants with the same amount of soil, same numbers of seeds, and planted them in the same pot. She also decided it would be important to give each plant 500 mL of water each day.

Plant A



No sunlight

Plant B



Partial sunlight

Plant C



Direct sunlight

15. What did Kelly hypothesize for her experiment?

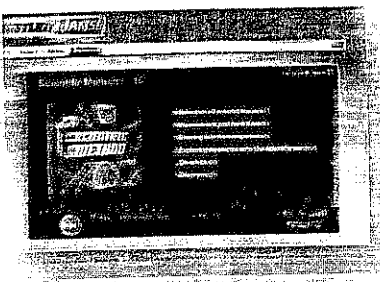
16. What is Kelly's independent variable?

17. What scientific tool would Kelly use to give each plant 500 mL of water each day?

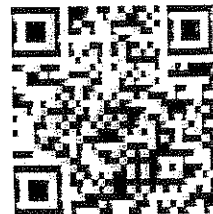
18. List Kelly's constant variables.

19. Kelly is measuring or watching for what to happen in her experiment?

Watch & Play It! – There are many videos and games on the internet. Check them out to help you!



<http://studyjams.scholastic.com/studyjams/jams/science/scientific-inquiry/scientific-methods.htm>



<http://www.solpass.org/5s/Games/ScientificMethodPlank.html>

Scientific Method Music Video