

DIRECTIONS FOR SCIENCE SKILLS PRETEST

1. Distribute one copy of the test to each child.
2. Read these directions out loud:
Today you are going to take a test to see how well you can design an experiment.
Look at your paper while I read the problem aloud:

(Form A) Are earthworms attracted to light? In other words, do earthworms like light? Tell how you would test this question. Be as scientific as you can as you write about your test.
Write down the steps you would take to find out if earthworms like light.
You may begin.

(There is no time limit, but most will be through in 10-15 minutes)

Note: Students might ask if they may draw a picture of the experiment. If so, tell them they may, but they still need to explain their experimental design in words.

DIRECTIONS FOR SCIENCE SKILLS POSTTEST

3. Distribute one copy of the test to each child.
4. Read these directions out loud:
Today you are going to take a test to see how well you can design an experiment.
Look at your paper while I read the problem aloud:

(Form B) Are bees attracted to diet cola? In other words, do bees like diet cola? Tell how you would test this question. Be as scientific as you can as you write about your test.
Write down the steps you would take to find out if bees like diet cola.
You may begin.

(There is no time limit, but most will be through in 10-15 minutes)

Note: Students might ask if they may draw a picture of the experiment. If so, tell them they may, but they still need to explain their experimental design in words.