

# Scientific Method Bell Work – Teacher Edition

Below is an image of a car the does not start.



1. Write three **inferences** on why the car won't start.

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2. If you are the owner of the car, what are the steps you would take to solve this kind of problem? List down **at least 5** steps that you would do in order.

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3. How does following a series of steps make problem-solving easier?

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4. How do you think scientists find solutions to scientific problem?

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Below is an image of a car the does not start.



1. Write three **inferences** on why the car won't start.

Answers may vary but possible answers are maybe there is a problem with the ignition starter, maybe there is not sufficient fuel that would power up the car, maybe the battery is dead.

2. If you are the owner of the car, what are the steps you would take to solve this kind of problem? List down **at least 5** steps that you would do in order.

Answers may vary but possible answers are:

1. Try to recall the car issues/symptoms before the stalling happens.
2. Check if the battery is charged.
3. Check if there's fuel in the tank.
4. Check if the ignition starter is not burnt/damaged.
5. If all these show no problem, call a mechanic who could help you solve the problem.

3. How does following a series of steps make problem-solving easier?

It provides a sense of direction in solving a problem and allows you to try and test a certain step before moving to the next one.

4. How do you think scientists find solutions to scientific problem?

Scientists follow a series of steps in solving a scientific problem.