

Scientific Questions: Examples and Non-Examples**Scientific questions**

- can be answered using data from investigations
- are testable through experimentation
- have a narrow focus; are specific

<u>Scientific</u>	<u>Non-Scientific</u>
What is the effect of adding fertilizer to the growth rate of daffodils?	Is the daffodil taller than the tulip?
How does age affect a person's reaction time?	Why are old people so slow?
How does the size of a wheel affect the speed of a car?	Which type of car is the best?
What color of m&m dissolves fastest in water?	Which color of m&m is the most popular?
Do gummy bears dissolve faster in hot water or cold water?	How many gummy bears are in a 9 oz. package?
Does being cold cause people to get sick?	Why should I put on a coat when it's cold outside?
Which disinfectant kills the most household germs?	Is being "dirty" and having "germs" the same thing?
Which brand of kitty litter clumps best?	Which brand of kitty litter smells the best?
How does the mass of a baseball affect how far it will travel when hit?	Which sport is better- baseball or football?
How does the shape of a wing affect the lift of an airplane?	How fast is the fastest airplane?
How does the amount of dish soap affect the surface tension of water?	How many ounces of dishsoap are in one bottle?