

| Statement  | Testable/ Not Testable  | How to Make it Testable   |
|--|---|---|
| Do fingers wrinkle faster in hot or cold water?  | Put finger in hot water , capture the Time when finser wrikls – T1<br>Put finder Hot water – T2<br>If $T2 > t1$ -                                       |   |
| How do cats meow?  | Pull the leaft ear – If cat meows –<br>Plull the right ear – cat meows<br>Fill the milk in feeding bowl – cat meows?<br>Show a rat to the vcat – Meows? | Will the cat mewo if I pull the ear.<br>Will the cat meow if I give him milk<br>Will the cat meow if it sees a rat. |
| What makes plants grow?  | Not Testable  | Type of soil?<br>How much water needed?   |
| Does soil type affect plant growth?  | Testable  |   |
| How do kites work?   | Not Testable  | What is the type of thread?<br>What is the length of thread?<br>Direction of air flow?<br>Kite material?            |
| Does Pepsi have more carbonation than Coke?  | Testable  | Which among is sweeter ?<br>What type of bottle are being used?   |
| What makes something sink or float?  | Not testable  | What is the weight of the thing?<br>What is the density of the water?   |
| Does the saltiness of water affect how fast it freezes?  | Testable  |   |
| Does the temperature of the air impact how high a basketball bounces?  | Testable  |   |
| Can I design a device that attaches my skateboard to my bike?  | Testable  |   |
| Does the amount of tv people watch affect their school attendance?   | Testable  |   |
| Can differently scents in the room affect how long people sleep?   | Testable  |   |
| When will fossil fuels run out?  | Not Testable  | What is the alternative?  |
| How do batteries work?   | Not Testable  | What is battery capacity?<br>What is Voltage?<br>What is the battery type?  |
| Why is the colour blue calming?  | Testable  |   |
| Does using emojis make people happy?   | Testable  |   |
| Can I solve the problem of my grandfather finding his way to the bathroom at night without turning on a light? | Testable  |   |
| Does eating school lunch affect how alert people are in their afternoon classes?                               | Testable  |   |
| Does having plants in a house reduce the carbon dioxide level in the house?                                    | Testable  |   |
| Can I create a backpack/umbrella combination?  | Testable  |   |
| Why am I awesome?  | Testable  |   |
| Why are Reese's Cups so good?  | Testable  |   |
| Why is our galaxy moving?  | Not Testable  | What is the gravitational force?  |
| Why do people watch tv?  | Testable  |   |