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| **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  Put finder Hot water – T2  If T2 > t1 - |  |
| How do cats meow? | Pull the leaft ear – If cat meows –  Plull the right ear – cat meows  Fill the milk in feeding bowl – cat meows?  Show a rat to the vcat – Meows? | Will the cat mewo if I pull the ear.  Will the cat meow if I give him milk  Will the cat meow if it sees a rat. |
| What makes plants grow? | Not Testable | Does the soil Type makes the Plant grow  Does the Water makes the plant grow |
| Does soil type affect plant growth? | Not Testable | What type of soil either clay soil or any other soil  Does the soil have humidity? |
| How do kites work? | Not Testable | What is the weight of the kite ?  What is the wind speed? |
| Does Pepsi have more carbonation than Coke? | Testable  Shake both the bottles P and C and open it at the same time and it fumes.  P in the bottle – l1  C in the bottle – l2  l1>l2 – coke is more carbonated |  |
| What makes something sink or float? | Not testable | What type of object?  What is the weight of the object?  What is the salt content? |
| Does the saltiness of water affect how fast it freezes? | Testable  Put different types of water with various salt content in freezer and check which one freezes first |  |
| Does the temperature of the air impact how high a basketball bounces? | Testable  Does the ball bounces high if the temperature is high.  Does the ball bounces high if the temperature is low. |  |
| Can I design a device that attaches my skateboard to my bike? | Not testable | What type of device?  What is the bike model?  Whether the design fits the bike.  Does the bike have specific place for the device to be attached. |
| Does the amount of tv people watch affect their school attendance? | Testable |  |
| Can differently scents in the room affect how long people sleep? | Not Testable | What is the type of scent?  How much time a person sleep? |
| When will fossil fuels run out? | Not testable | What kind of fuels will run out? |
| How do batteries work? | Not Testable | What type of batteries?  Does the battery work if I switch on?  Is it rechargeable or non rechargeable? |
| Why is the colour blue calming? | Not Testable | What is the Factors of blue?  How it calms the people?  What is the environment in which the colour is exposed? |
| Does using emojis make people happy? | Testable  Based on the types of emojis, it makes the people happy |  |
| Can I solve the problem of my grandfather finding his way to the bathroom at night without turning on a light? | Not testable | How much Distance from bathroom to room |
| Does eating school lunch affect how alert people are in their afternoon classes? | Testable  Experiment students by feeding them food one day and not feeding food the other day. |  |
| Does having plants in a house reduce the carbon dioxide level in the house? | Testable  H1- home with plants  H2-home without plant  Calculate the co2 level  H1<H2. |  |
| Can I create a backpack/umbrella combination? | Not testable | What type of backpack?  What type of umbrella? |
| Why am I awesome? | Not Testable | Do i have good behaviour?  Do i have a good skills? |
| Why are Reese’s Cups so good? | Testable  C1- break the reese’s cup  C2- break other cup  Reese cup doesn’t break so c1 is good |  |
| Why is our galaxy moving? | Not testable | On which factor it is moving? |
| Why do people watch tv? | Not testable | What is there mood?  Do they watch tv for fun?  Do they watch tv for News? |