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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? | It is not testable, it needs some condition to make it testable | Will the plant grow in the sunlight?  Will the plant grow in the right soil?  What is the water level the plan needs to grow? |
| Does soil type affect plant growth? | Yes soil type effect plant growth. In different soil type the plant grows in different ways |  |
| How do kites work? | The structure of the kite makes it to be fly in the sky. The weight of the kite is so light that give a push to the kite, by which it flies. |  |
| Does Pepsi have more carbonation than Coke? | Take two glass and take pepsi and coke in that glass. The glass in which the gas bubble level is higher that drink have the more carbonate |  |
| What makes something sink or float? | It is dependent on the weight of the substance. | To make it testable we have to check the weight of that particular substance.  What is the weight of the substance  What is level of water  Dimensity of that substance |
| Does the saltiness of water affect how fast it freezes? | It is not testable, to make it testable we have to follow some conditions. | We have to take 1 glass of normal water and 1 glass of saltiness water  After that we have to keep it in the fridge and we have to fix a timeline to check it |
| Does the temperature of the air impact how high a basketball bounces? | It is dependent on some conditions to make it testable. | To make it testable:  Temperature of the air  Pressure present in the basketball  The type of ground it is |
| Can I design a device that attaches my skateboard to my bike? | No it is not testable, it needs some analysis to make it testable. | The required analysis are:  What is the size of the device that will fit in the bike and it will be fit to put the skateboard in it |
| Does the amount of tv people watch affect their school attendance? | No it is not testable, to make it testable we need certain conditions. | All the people who watch might be not going to school. So, to test this:  How many person going to school  What is the time of the school  How much time they watch TV |
| Can differently scents in the room affect how long people sleep? | No this can’t be testable. | To make it testable we have to find two people who have same sleeping activity.  After that we have to check for the room lighting  Room temp and lighting.  Then the scent in the room will affect the sleep of the person |
| When will fossil fuels run out? | Not testable, to make it testable we have to take some certain scenario to make it testable. | Which fossil fuels we have less quantity  Is there any chance of recreating those things.  How long it will take to restore |
| How do batteries work? | What kind of battery it is  Is it charged or not charged  What is the capability of that batteries |  |
| Why is the colour blue calming? | It is testable  We can check by paining blue colour and surrounding people in a blue painted room |  |
| Does using emojis make people happy? | Yes it is testable |  |
| Can I solve the problem of my grandfather finding his way to the bathroom at night without turning on a light? | Yes it is possible you can take him with you without turning on the light. |  |
| Does eating school lunch affect how alert people are in their afternoon classes? | Yes it is testable. We can give them lunch and next we wont give them the lunch. After that we will check how alert they are. |  |
| Does having plants in a house reduce the carbon dioxide level in the house? | Yes it is testable, we can keep a tree in our house and we can see whether our carbon dioxide level is decreasing or increasing. |  |
| Can I create a backpack/umbrella combination? | Yes we can create it by making proper planning for the combination of backpack and umbrella |  |
| Why am I awesome? | No it is not testable, to make it testable we have to follow some certain condition | It is not testable, to make it testable we have to ask other people about the point of they have on us. |
| Why are Reese’s Cups so good? | Yes it is testable. We can bring a cup and we can check whether it is looking good, is it strong or not |  |
| Why is our galaxy moving? | No it is not testable, to make it testable we have to follow some certain condition | It is not testable, to test it we have to go to space and have to check about it. |
| Why do people watch tv? | It is testable.  When people watch TV  What people watch TV  According to the factor of the age people watch tv. |  |