

Transcript for Lesson 1:

Title: **Aysha and Mysterious Machines**

Slide 1: We are going to look into one of the biggest mysteries on google and that is Aysha and the mysterious machines.

Slide 2: Aysha as you can see a little girl who is 10 years old and she is a detective by profession, she has to find answers to the questions that will change her life. Are you ready to help her in finding the answers???

Slide 3: Questions you are going to help her with are

1. What Aysha can do?
2. What mama/ cats/ heroes can do?
3. What machines can do?

Slide 4: In order to make it easy for Aysha we have some clues for her

1. Focus on what Aysha did till now, like slept, woke up, brush her teeth (I can't tell more you have to find by yourself)
2. What mama did?
3. Did she use any machine today?

Slide 5: Lastly, you can level up by answering who is smarter humans or computers?

Slide 6 & 7: So after thinking Aysha came to know that other than sleeping, eating, what she can do is breaking vase, reading stories, Studying (she isn't good at it), Hiding whenever she mess up things.

Question to students: What you guys can do? Or to make it better ask what you can do better?

Slide 8: Ask them who is their favorite person and what they are capable of.

Slide 9: Okay that's great !!! Now let's answer the last question that is what machines can do? We use a lot of machines in our daily life so that our life becomes easy. Fans are machines, it has a system that make it to rotate; Fridge that make out food cold, Oven to make our food warm; Calculator solves our mathematical problems; Washing machine washes our clothes.

Similarly, Computers are machines that also plays a very important role to make our life easier. We can do calculations on computers, share and chat with our friends, store data(such as 100 names of students) and many more things.

Slide 10: How do computers think? They think very similar to how humans think. Such as we also observe the environment and take input from it and then process the information and give output on the basis of our inputs and processing.

For example: A kid observes the environment and finds out that there is something in the cup and mama says don't touch it because it's hot. A kid processes the information and makes decision by not listening to mother and ends up touching the hot cup and then immediately moving his hand away from cup. The output are the activities from touching to moving hand away.

Another example is adding two numbers.

If I ask you to add two numbers how you will add them

Obviously, I will give you 2 numbers as input and you will add them by following mathematical steps (process) and give me answer that answer will be the output.

In the same way computers think. Computer will take input from user and process by using math library and give output.

Slide 11: Now that we help Aysha with finding answers to questions, we have another question to discuss in order to promote on higher level

That is Who is more smarter humans or computers?

Before answering give them time to think.

My personal opinion: humans and computers are different and it is a natural law that things that are different can't be compare. Humans are intelligent, creative, problem-solver. Computers have good memory they can store a lot of data, they can repeat task tirelessly etc.

Slide 12: Woahhhhh we finally answer all the questions and now we are moving promoted to the next level !!!!!