

TALASIRI R & D

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Key points

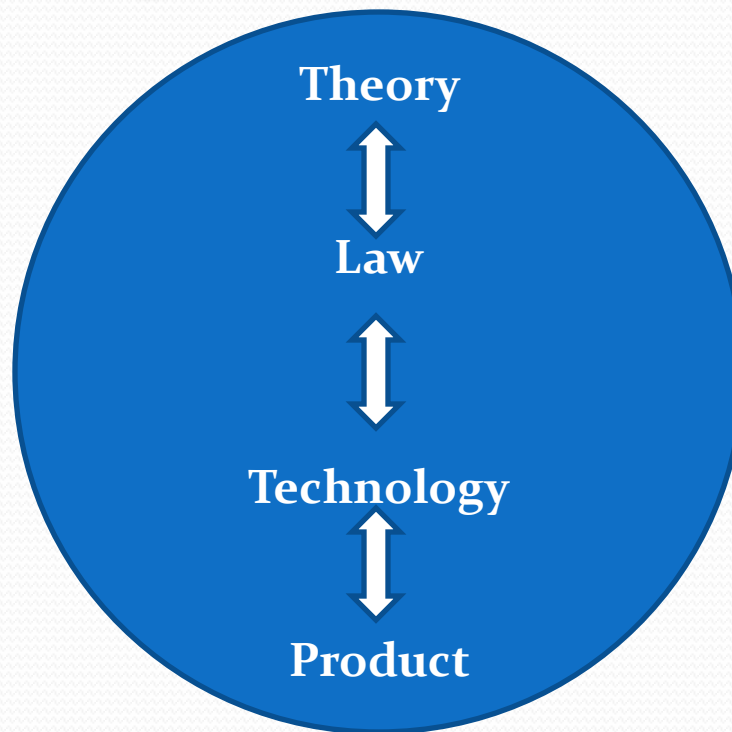
- What is science?
- Science → technology
- Scientist
- How science is a part of our life.
- Difference between text book and real life science.
- Start with small things
- How inventing made our lives easy?
- What is the need of inventions or new ideas?
- Process of inventing
- First thing you should start now.

What is science?

❖ Science is a way of discovering what's in the universe and how those things work today, how they worked in the past, and how they are likely to work in the future.

❖ Everything that existed in the universe are nothing but a some form of science

Science



Science → technology

- ❖ Technology is a workflow which is the combination of theory , laws and interface
- ❖ We need to study, understands perform some actions to invent something new or to develop already existing new things.
- ❖ All the technologies are came from science and innovative thoughts .

Scientist

- ❖ Scientist is the person who invents something or make better from already existing things.
- ❖ Anyone can become a scientist by observing, studying, applying science and by seeing things from different angle.

How science is a part of our life.

- ❖ We use a lot of things in our daily lives which all are products of science working based on one or more principles.
- ❖ Ex: from mobile to computers, transportation, medicine, food, shelter simply everything we use is a technology which came from science invented by scientist.

Difference between text book and real life science.

- ❖ Learning and/or reading from a book gives you a lot of information.
- ❖ Applying and practicing what you have learned into the real world, as a productive outcome , gives you experience.
- ❖ By applying text book knowledge to real life technologies you can create new products or make the better from already existing technologies .
- ❖ Observe basic things used in home like vacuum cleaner ,light , fan or pressure cooker like that . Understand on base of which principle they are running .
- ❖ Not only the house holds everything's outside like power plants , machines ,vehicles ,computers and entertainments devices works based on some principles, laws and theory's which you cant find in text books regularly .

Start with small things like

- ❖ PEN: there is gravitational force applying to push the ink while writing and some material used to construct outer body.
- ❖ Transportation: any vehicles we use to travel include lot of mechanical science and other combinations of sciences.
- ❖ See all the things what technologies used and how science involved in it.
- ❖ And many more.

How inventing made our lives easy?

- ❖ Because of the inventions we are living our lives comfortably and securely.
- ❖ Still there is a lot of things which needs inventions in various fields.
- ❖ Since we have a limited science community everyone should do something towards inventing and developing new ideas.
- ❖ More inventions we made make our lives better.

What is the need of inventions or new ideas?

- ❖ If there is no idea of cooking, we can eat only raw items.
- ❖ If there is no medicine there is no cure.
- ❖ If there are no inventions in communications we can't have mobile or computers or internet.
- ❖ Either it may be small house holding item or a rocket technology every idea or inventions are so important.

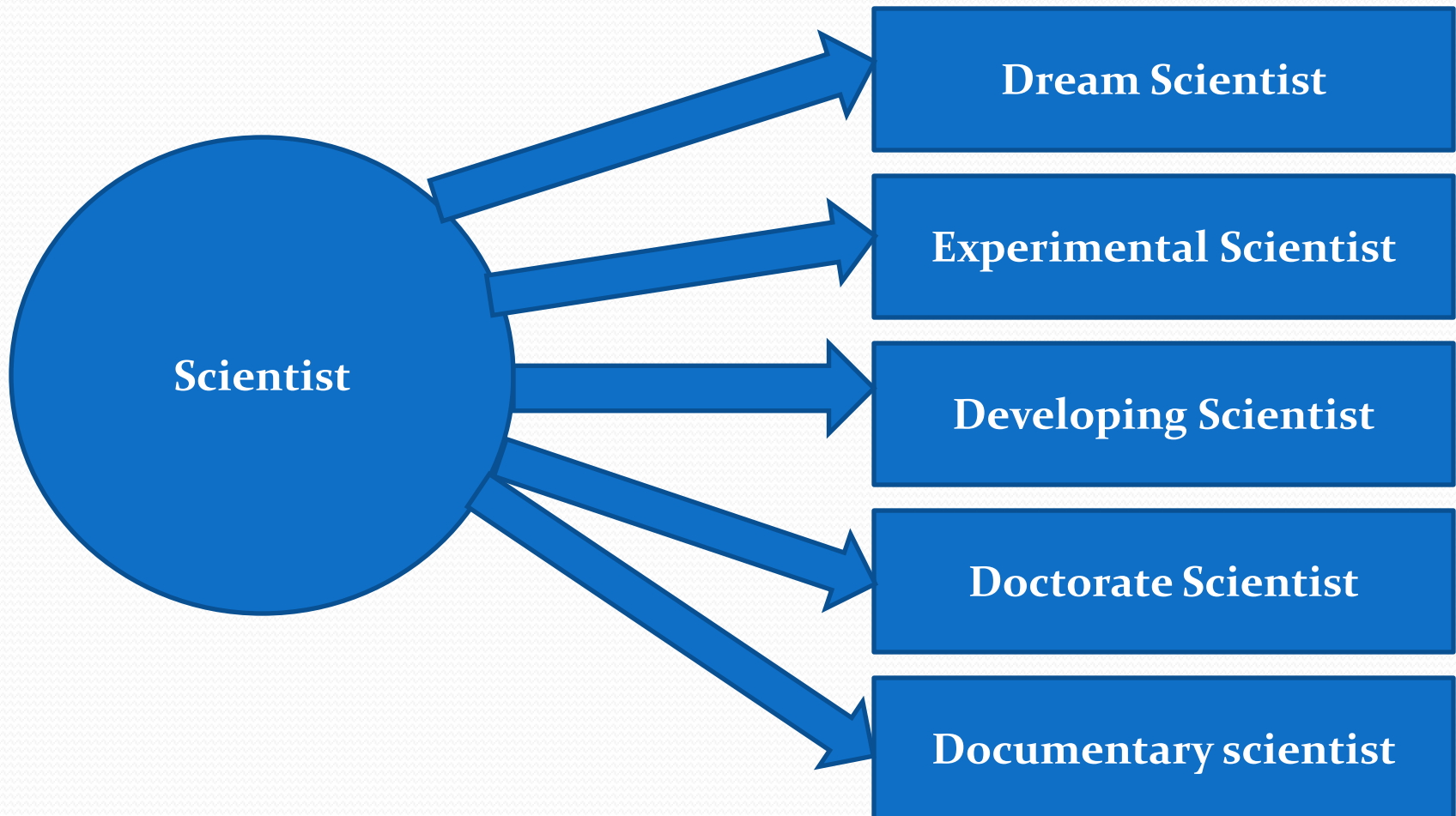
Process of inventing

- ❖ Process of inventing includes mainly getting some idea, which is possible when we observe things and understand what science is involved and how can we change to make it better.
- ❖ Inventing might includes no of trial and errors but it should be never stopped.

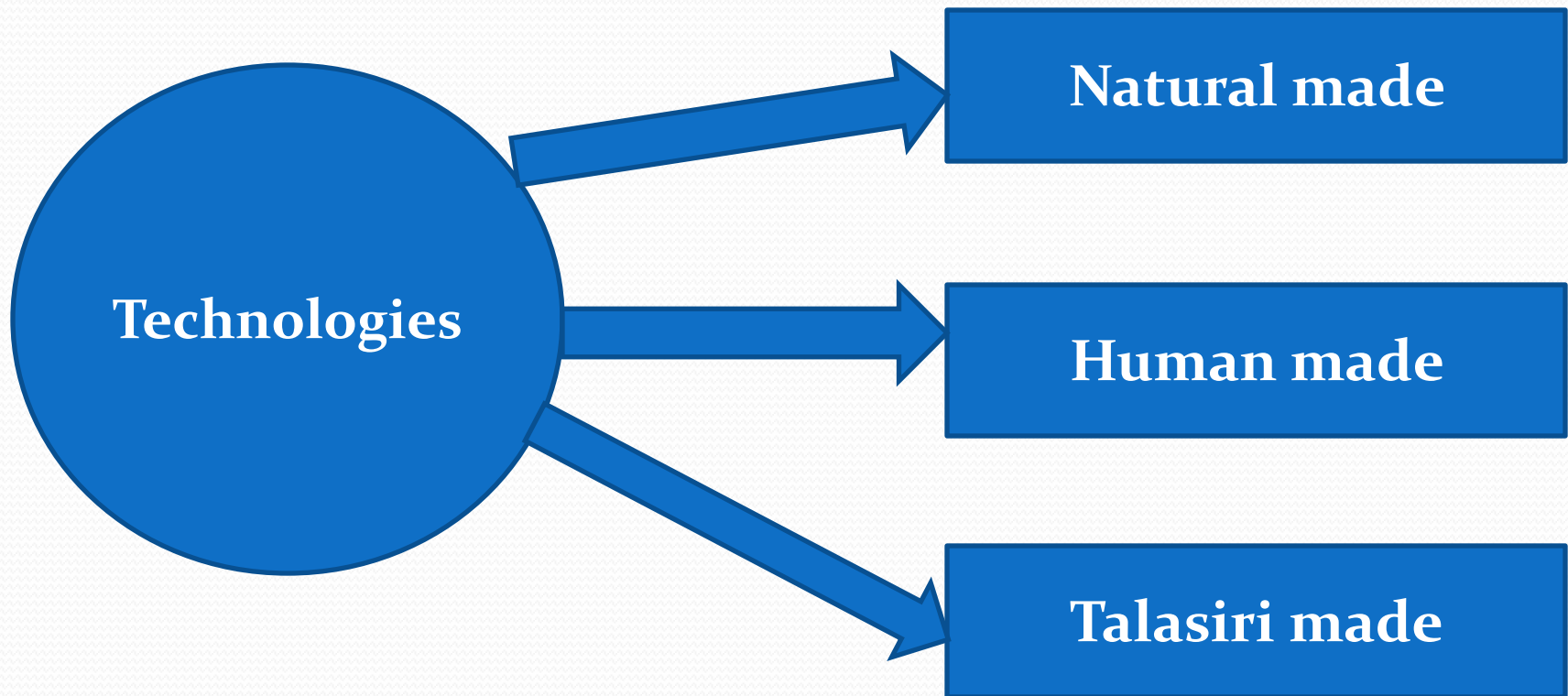
First thing you should start now.

- ❖ Find out what technologies you use daily from alarm to bed light .
- ❖ Understand what methods they followed and try to replace something see if you can bring better outcome.
- ❖ Interact with your parents or surrounding people in different fields and ask the main problems in their work. Try to solve their problems
- ❖ Discuss with the group of people.
- ❖ Analyze already existing solutions and develop them or create new technologies.

According to Talasiri R & D, scientists are categorized as



According to Talasiri R & D, technologies are categorized as



According to Talasiri R & D, technology fields are categorized as

- ❑ MEDICAL TECHNOLOGY
- ❑ AGRICULTURE TECHNOLOGY
- ❑ FOOD TECHNOLOGY
- ❑ INFRASTRUCTURE TECHNOLOGY
- ❑ TRANSPORTATION TECHNOLOGY
- ❑ COMMUNICATION TECHNOLOGY
- ❑ POWER TECHNOLOGY
- ❑ ENVIRONMENT TECHNOLOGY
- ❑ ENTERTAINMENT TECHNOLOGY
- ❑ HUMAN KINGDOM TECHNOLOGY



Thank you.

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