



Supplementary Reading

1. Famous Indian Scientists



Dr. Homi Bhabha



Vikram Sarabhai



Sir C. V. Raman

All of us ask the question 'why' many times a day. Sometimes no one can give answers. Does that mean we stop asking questions? No, absolutely not! Asking questions is the best way to learn new things about the world. Scientists are such people. They ask a lot of questions. They find or make new things that make life better for everyone. Let us read about such people from India.

Some famous scientists (વૈજ્ઞાનિકો) from India are Aryabhatta, C. V. Raman, APJ Abdul Kalam, C. R. Rao, Vikram Sarabhai, Homi Bhabha and many more.

Aryabhatta studied mathematics and the universe. He invented (શોધ કરી) the digit 'zero'. Therefore, it has become India's gift to the world.

Vikram Sarabhai was born in Ahmedabad on 12th August 1919. He started the Indian Space Research Organisation (ISRO). He helped in setting up the first rocket launching station (રોકેટ છોડવાનું કેન્દ્ર) in India. Scientists at ISRO are famous around the world for their research in the universe. The Chandrayan III and Aditya L1 missions are incredible (આશ્ચર્યજનક) achievements (સિદ્ધિ). We will learn a lot about the moon and the sun from them.

Dr. Homi Jehangir Bhabha is called the father of India's nuclear science programme. Nuclear science is the study of the smallest parts of the world. These tiny parts are called atoms. He started the Tata Institute of Fundamental Research. We understand the world around us better because of his studies. He has made India proud in the world.



Sir C. V. Raman was an Indian physicist (ભૌતિક વિજ્ઞાની). He was awarded the Nobel Prize for Physics in 1930. He brought great honour (ગૌરવ) to our country through this achievement.

Dr. A.P.J. Abdul Kalam is known as the 'Missile Man of India'. He played a very important role in research on missiles and nuclear weapons. He served as the 'President of India' from 2002 to 2007.

PRACTICE

Read the sentences and write 'True' or 'False':

1. Dr. Homi Bhabha was born in Ahmedabad. _____
2. Aryabhatta invented the digit zero. _____
3. Vikram Sarabhai is called the father of India's nuclear programme. _____

Answer the questions:

1. Who won the Nobel Prize for Physics ?

2. Name two Indian scientists.

3. What is Dr. A.P.J. Abdul Kalam known as ?

Match 'A' with 'B':

A	B	Answer
(1) what we ask	(a) pride	(1) _____
(2) honour	(b) questions	(2) _____
(3) incredible	(c) weapons	(3) _____
(4) missiles	(d) amazing	(4) _____