

Learning Process

Step-1 : Adheeti :

One minute meditation.

Teacher starts the topic with discussion and question-answers about scientists who served our country.

During this discussion students come on Dr. A.P.J. Abdul Kalam, whose projects in space, defence and nuclear technology guided India into twenty-first century, became our eleventh President in 2002. Then teacher starts the enalate with a discussion on his book, "Wings of Fire". In his autobiography, Dr. A.P.J. Abdul Kalam speaks of his childhood. The present chapter, "My Childhood" is an extract from the "Wings of fire".

Step-2: Bodh :

Dr. Kalam said, "I can still feel the surge of pride in earning my own money for the first time", from above lines with discussion on the journey of Dr. Kalam from Rameshwaram to the Rashtrapati Bhavan teacher will ask every student to conduct an interview with his/her father/mother about their life journey, struggle and first earning. Every student will write a note on this interview.

The teachers will ask the students to list out the values, habits and qualities of Dr. Kalam by which Dr. A.P.J. Abdul Kalam grew as a scientist, President of India, and contributed a lot as a teacher.

Students will play a SKIT on the relationship of Dr. A.P.J. Abdul Kalam and his teacher Sivasubramanya Iyer, highlighting two incidents, one when his teacher invites Dr. Kalam at his home, and second when his teacher demonstrates how the birds fly.

Step-3 : Abhyas :

The class will be divided into four groups. Each group will prepare an extract from the book 'Wings of Fire' and will present in the class. The formative assessment will be done with proper rubrics.

Now the teacher will ask the students to write a paragraph about their first memorable incident of childhood.

Step-4 : Prayog :

Teacher asks the students to read the book, 'Wings of Fire' and list out at least two examples of each from the text –

- a. Metaphor

- b. Imagery
- c. Personification
- d. Their point of view on any incident.

Step-5 : Prasara :

(A) **Swadhyaya** : Teacher asks the students to find Dhanuskodi, Rameshwaram and Kanyakumari in the map. Also they will write why Kanyakumari is famous.

The students will prepare two PPT's on life and achievements of

- a. Dr. Vikram Sarabhai
- b. Dr. Homi J. Bhabha

(B) **Pravachan**: Teacher asks the students to prepare a paper on the topic. "Arise, awake and stop not till the goal is achieved". This famous quote by Swami Vivekananda inspired Dr. Kalam, Homi J. Bhabha, Vikram Sarabhai and also yourself.

Assessment (करणों के आधार पर) :

Formative assessment is planned continuously at every step and activity. Summative assessment will be done based on text exercise at the end of instructions.

Reflection (करणों के आधार पर विचार) :

Feedback will be taken from students and will be used for further improvement of next lesson plan.