

ACHIEVEMENTS OF CONTEMPORARY BHARAT



सत्यमेव जयते

MINISTRY  
OF EDUCATION  
Government of India

# CHANDRAYAAN UTSAV

Our Chandrayaan  
Foundational Stage

CODE  
1.1F



SPECIAL MODULE

विद्यया ऽ मृतमश्नुते



एन सी ई आर टी  
NCERT

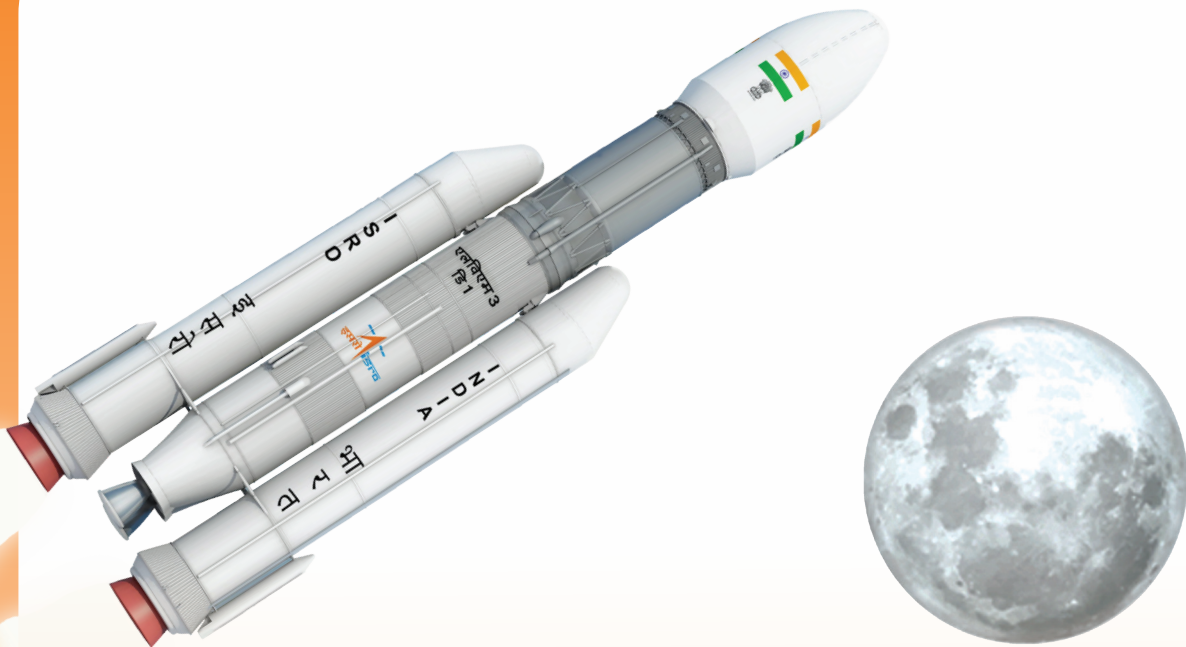
*October 2023*  
*Ashwina 1945*

**PD 1T BS**

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Published at the Publication Division, by the Secretary, National Council of Educational Research and Training, Sri Aurobindo Marg, New Delhi 110 016 and printed at Gita Offset Printers (P.) Ltd., C-90 & C-86, Okhla Industrial Area, Phase-I, New Delhi 110 020



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**CHANDRAYAAN UTSAV**

**Our Chandrayaan**

Foundational Stage

**Come on children, let me tell you a story!**

You all must have seen the Moon?  
(showing a picture of the Moon, drawing children's attention towards it)

Children: Yes!

### Activity 1

Let us cut pictures of Chandrayaan mission from old newspapers, paste them on paper and make a picture book.



Source: <https://spaceplace.nasa.gov/all-about-the-Moon/en/>

Teacher: Can we go to the Moon?

Children: Yes!

Teacher: How?

Children: By rockets...

Teacher: Alright! Now tell me, has any such rocket gone to the Moon yet?

Child: Yes!

Teacher: Which one?

Children: Chandrayaan!

Teacher: Chandrayaan-3! Okay! How do you know?

Children: We saw on the TV.

Teacher: Good!

(showing stick puppet with gestures) So children, this is the story of 'Chandrayaan'—

Scientists of our country, by sending a rocket to the Moon, were attempting to find out what is on the Moon.

Teacher: Tell me, children! What do you think, has been found on the Moon?

Children: Water, soil...

Teacher: Alright...

Children! You know that the Moon is far away. So the scientists sent a rocket to the Moon to find out what's on the Moon. They named it the 'Chandrayaan Mission'.

(children listening with curiosity)

Teacher: 'Chandrayaan' moved around the Moon and found out that there was water on the Moon. Scientists were very happy to know this.

The curiosity of our scientists grew further. They planned to send a rocket again. They sent another rocket to the Moon and named it 'Chandrayaan-2'.

Children (asking curiously): What did Chandrayaan-2 find on the Moon this time?

Teacher: Children, this time due to a malfunction in the parts of the rocket, it lost contact with the Earth, and the mission of landing on the lunar surface could not be successful.

Children: Oh!

Teacher: You know, due to the unsuccessful landing of Chandrayaan-2 on the Moon, the morale of all scientists was shaken, they all were very sad. The Prime Minister of our country, Shri Narendra Modi, boosted the morale of our scientists and asked them to try again.

All the scientists put their heads together and improved their work by learning from past experiences, so that the 'lander' could successfully land on the lunar surface. After all preparations, on 14 July 2023, 'Chandrayaan-3' was sent to the Moon from Sriharikota launch pad, located in Andhra Pradesh.

This time Chandrayaan-3 reached the Moon. Everyone was extremely happy. You too must have seen it on TV.

(Teacher clapping with children)

Children: Yes... (lifting both hands with joy)

### Think and Tell

What would you do if you are unable to do something properly even after many attempts? At such a time, who raises your morale?



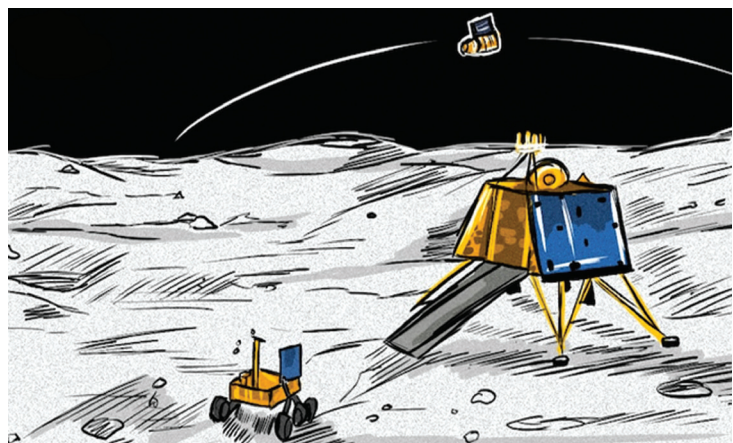


Source: <https://tech.hindustantimes.com/tech/news/chandrayaan3-moon-mission-know-what-s-coming-next-71692348092223.html>

Teacher: You have seen that the efforts of the scientists of our country did wonders, and Chandrayaan-3 successfully landed on the Moon.

Teacher: Do you know, the name of the lander that landed on the Moon is *Vikram*, like the earlier one. The lander also carried a rover (teacher showing the picture) with it, which is a robot and its name is *Pragyan*. It can walk on the surface of the Moon and also move around. This entire mission was being watched by people all over the world, and people know it as the 'Chandrayaan-3 Mission'.

Our Prime Minister, Shri Narendra Modi also watched the lander landing on the Moon. He congratulated the nation on this achievement.



Source: <https://www.indiatoday.in/science/story/chandrayaan-3-launch-in-july-heres-all-that-india-is-sending-to-the-moon-2382654-2023-05-23>



Source: <https://indianexpress.com/article/cities/bangalore/chandrayaan-3-success-modi-meet-isro-scientists-8909661/>

The Prime Minister met the team of scientists behind the success of Chandrayaan-3 and congratulated them.



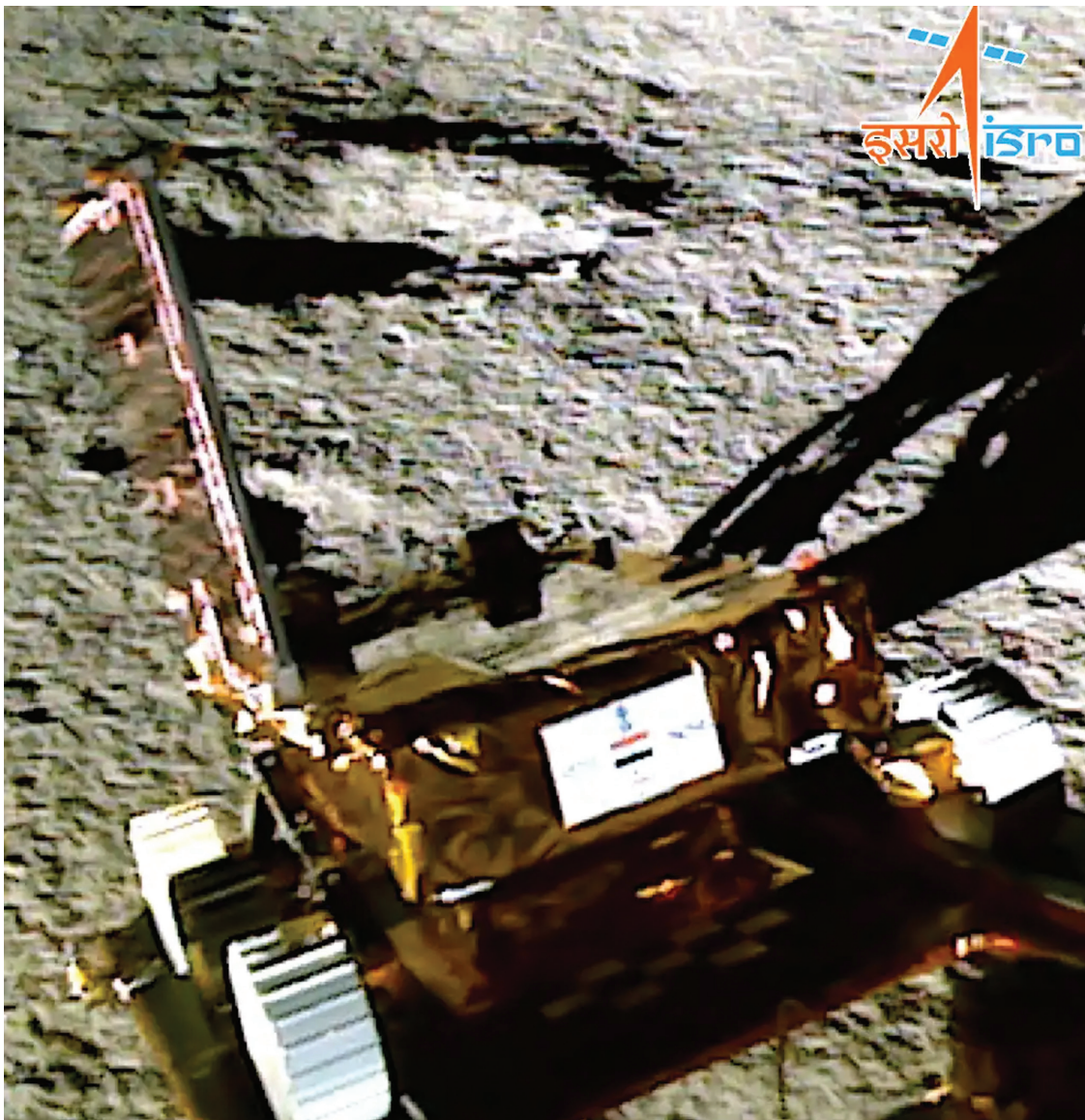
Source: <https://www.hindustantimes.com/india-news/naming-landing-point-shiv-shakti-sends-a-message-for-gender-equality-scientists-101693073915364.html>

Teacher: Do you know the name of the institution responsible for sending 'Chandrayaan-3' to the Moon?

Children: ISRO

Teacher: Well done! Bravo! Indian Space Research Organisation (ISRO)!

Teacher: Now, *Pragyan* is roaming around on the Moon to find out: whether the soil of the Moon is similar to the Earth whether it is possible to live on the Moon. *Pragyan* is also taking pictures and sending them to our scientists on the Earth.



Teacher: So, you have seen that with constant efforts, even the hardest task can be achieved.

Teacher: Let's sing together.

In Chanda's village, in the shadow of the stars,

We will go for a walk, we will go for a walk;

How will we go? How will we go?

We will go by 'Chandrayaan', we will go by 'Chandrayaan'.



After the story, the teacher can do some simple activities, which will enable the children to explore more.

### Activity 2

#### Let's act together

Take a cut-out of Chandrayaan and paste it on a chart; make the child wear that chart with the help of a ribbon, and ask them to act as Chandrayaan!

Now, the rest of the children will ask Chandrayaan, "Who are you?"

The child who is enacting Chandrayaan should say, "I am Chandrayaan."

The rest of the children will ask, "Where are you going?"

Chandrayaan will reply, "I am going to the Moon."

The other children will ask, "Why?"

Chandrayaan, "I am going to find out what is on the Moon?"

Chandrayaan, "Will you come with me?"

The rest of the children will say, "We have to go to school. You go and send us pictures from there."

Chandrayaan: "Ok sure, I will."

Children: Best of journey

Chandrayaan: Thank you.

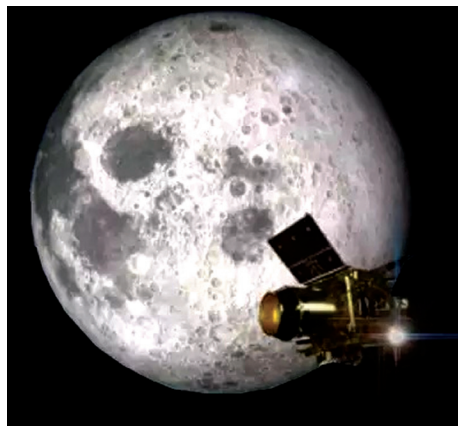
### Activity 3

#### Make together

Teacher: Look what I have got, old pipes, cardboards, coloured paper.

Let's make a model of Chandrayaan from these materials.

Teacher along with the children, may try to make a model of Chandrayaan.







## Theme 1.0 Chandrayaan Utsav

- |      |    |                                                  |
|------|----|--------------------------------------------------|
| 1.1  | F  | Our Chandrayaan                                  |
| 1.2  | P  | <i>Mera Pyara Chanda: Rani ki Khoj</i>           |
| 1.3  | M  | Bharat's Chandrayaan Mission                     |
| 1.4  | S  | Chandrayaan: Journey Towards the Moon            |
| 1.5  | S  | Exploring the Moon Mission of Bharat             |
| 1.6  | S  | Towards the Moon and Beyond                      |
| 1.7  | S  | Exploring Chandrayaan-3: Bharat's Lunar Mission  |
| 1.8  | S  | Bharat on the Moon                               |
| 1.9  | HS | Space Mission of Bharat: The Chandrayaan Mission |
| 1.10 | HS | Physics of Chandrayaan-3                         |

For participation in the activities related to Apna Chandrayaan:  
Visit : [www.bharatonthemoon.ncert.gov.in](http://www.bharatonthemoon.ncert.gov.in)

For more information:  
Email: [dceta.ncert@nic.in](mailto:dceta.ncert@nic.in)  
PMeVIDYA IVRS: 8800440559



An image of lander *Vikram* with rover *Pragyan*

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