

ACHIEVEMENTS OF CONTEMPORARY BHARAT



सत्यमेव जयते

MINISTRY
OF EDUCATION
Government of India

CHANDRAYAAN UTSAV

CODE
1.1F



SPECIAL MODULE

विद्यया ऽ मृतमश्नुते



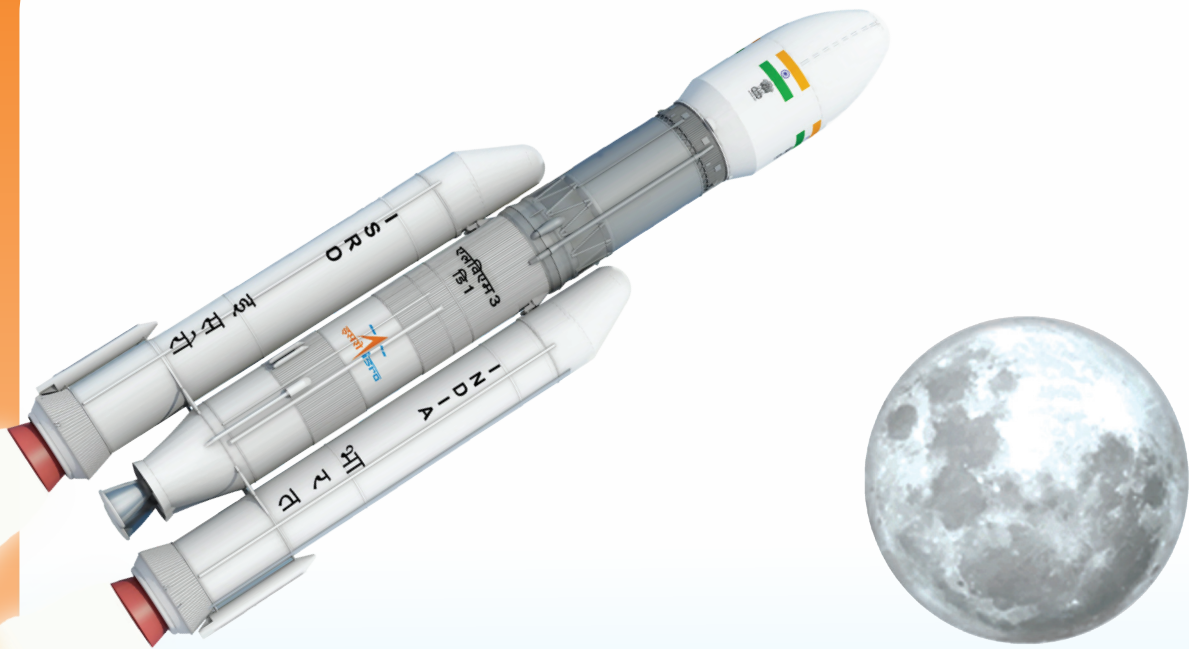
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NCERT

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Our Chandrayaan

Foundational Stage

Come 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
him)

Children: Yes!

Come, Let's Meet and Discuss Together

Come children, let's cut pictures of Chandrayaan mission from old newspapers, paste it on paper and make a picture book with it.



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

Teacher: Can we go to the Moon?

Children: (children while thinking)... Yes..!

Teacher: How?

Children: By Rockets...

Teacher: All right! Now tell me, has anyone gone to the Moon yet?

Child: Yes!

Teacher: Who?

Children: Chandrayaan!

Teacher (surprised): Chandrayaan?

Okay (laughing): Where did you see it?

Children: on TV...

Teacher: Good!

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

Scientists of our country, by sending a rocket to the Moon, attempt to find out what is on the Moon?

Teacher: Tell me, children, what do you think will happen on the Moon?

Children (thinking): Water, Soil,.....

Teacher: All right (shaking head).

Children, you know that the Moon is far away. So scientists sent a rocket to the Moon to find out, what's on the Moon? They named this mission as '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.

Our scientists curiosity grew further. They plan to send another rocket again. They did send another rocket to the Moon and named the mission as 'Chandrayaan-2'.

Child (asking curiously): What did Chandrayaan 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 to land on the lunar surface could not be successful.

Child: Oh...

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

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

This time 'Chandrayaan' reached the Moon. Everyone was very happy. You all must have seen it too.

(Teacher clapping with children)

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

Think and Tell

What do you do if you can't do something properly? At such a time, who raises your moral strength ?





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

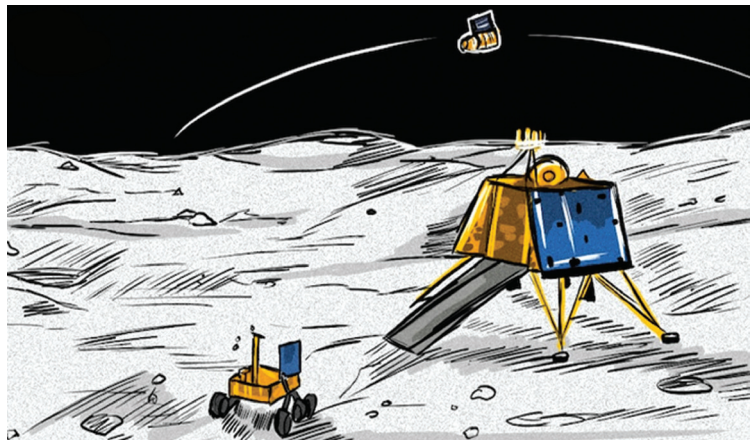
Teacher: You have seen that the efforts of the scientists of our country did wonders; Chandrayaan-3 successfully landed on the Moon.

Teacher- (little lause) didn't you guys see it on TV?

Children: Yes... Yes!

Teacher: You know, what is the name of lander that landed on the Moon? It is 'Vikram'. Like the earlier one, the 'Lander' also carried a 'Rover' (teacher showing the picture) with it, which is a robot and it's name is 'Pragyan'. It can walk on the surface of the Moon and also move around. This entire mission was being watched by all the people of the World, and people know it as 'Chandrayaan-3 Mission' by name.

Our country's Prime Minister, Shri Narendra Modi also saw the 'Lander' landing on the Moon and that made him very happy.



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 on Chandrayaan-3 in their office and congratulated them.



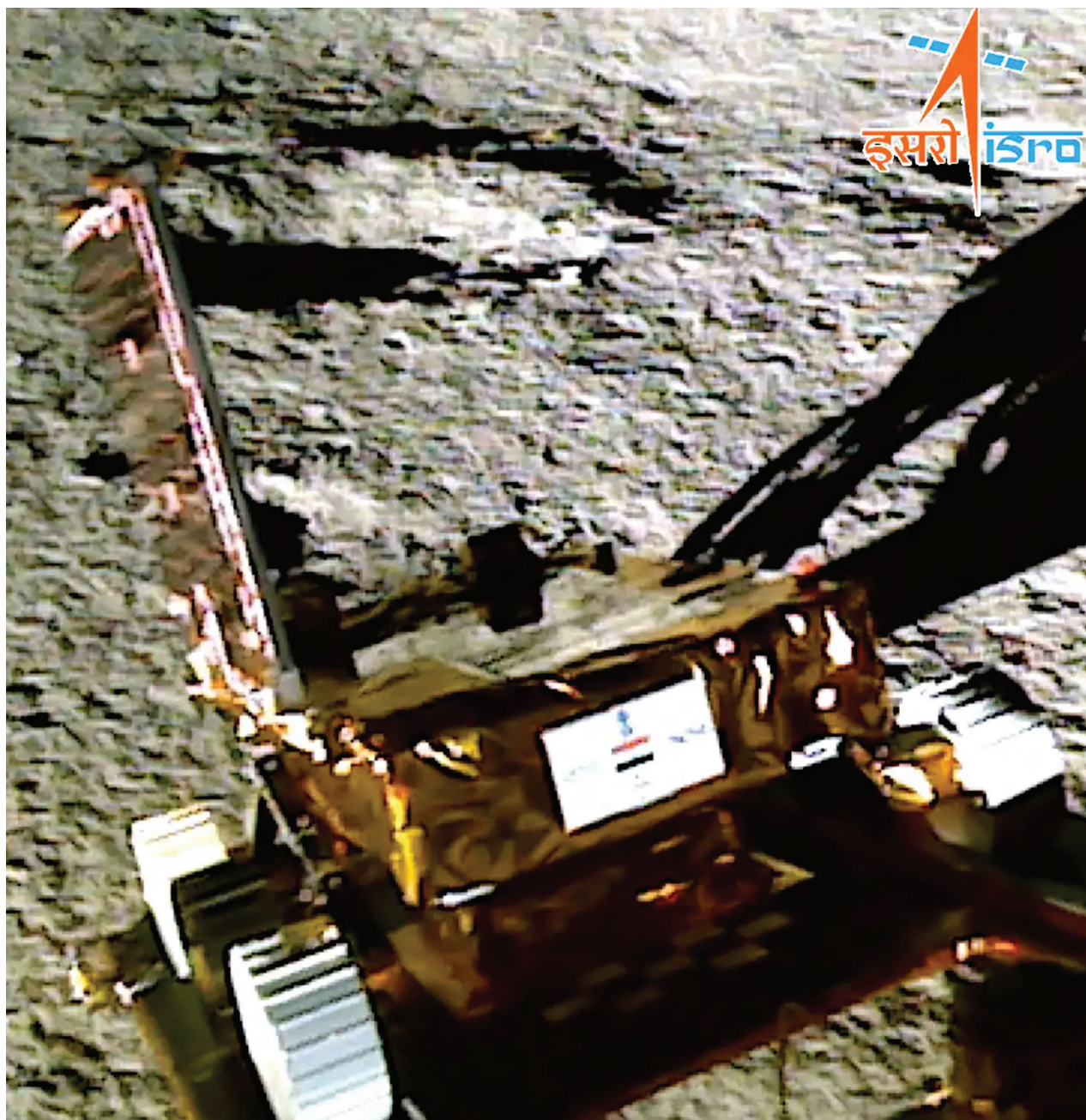
Source: <https://www.hindustantimes.com/india-news/naming-landing-point-shiv-shakti-sends-a-message-for-gender-equality-scientists-101693073915364.html>

Teacher: Those scientists of the country who took the responsibility to send 'Chandrayaan-3' to the Moon, do you know the name of their office?

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 like the Earth or not; is it possible to live on the Moon or 'not'. *Vikram* is taking pictures and sending them to our scientists on Earth.



Teacher: So, you have seen that with constant efforts, even the hardest task could 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, this will incite the curiosity of the children to know more:

Activity 1

Let's act together

Take a picture of Chandrayaan and paste it on the chart; make to wear that chart on the child's body with the help of a ribbon, and ask the child to become Chandrayaan!

Now, the rest of the children will ask Chandrayaan—who are you?

The child who has become Chandrayaan. He/she has to say—I am Chandrayaan.

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

So, the child who became Chandrayaan will say—I am going to the Moon.

The other children will ask why?

The child who became Chandrayaan will say—I am going to see, what's on the Moon?

Chandrayaan—Will you come with me?

The rest of the children—we have to go to school. You go and send us pictures from there.

Chandrayaan—Good bye!

Activity 2

Make together

Teacher: Look what I have, these old pipes, card boards, colored papers.

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

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



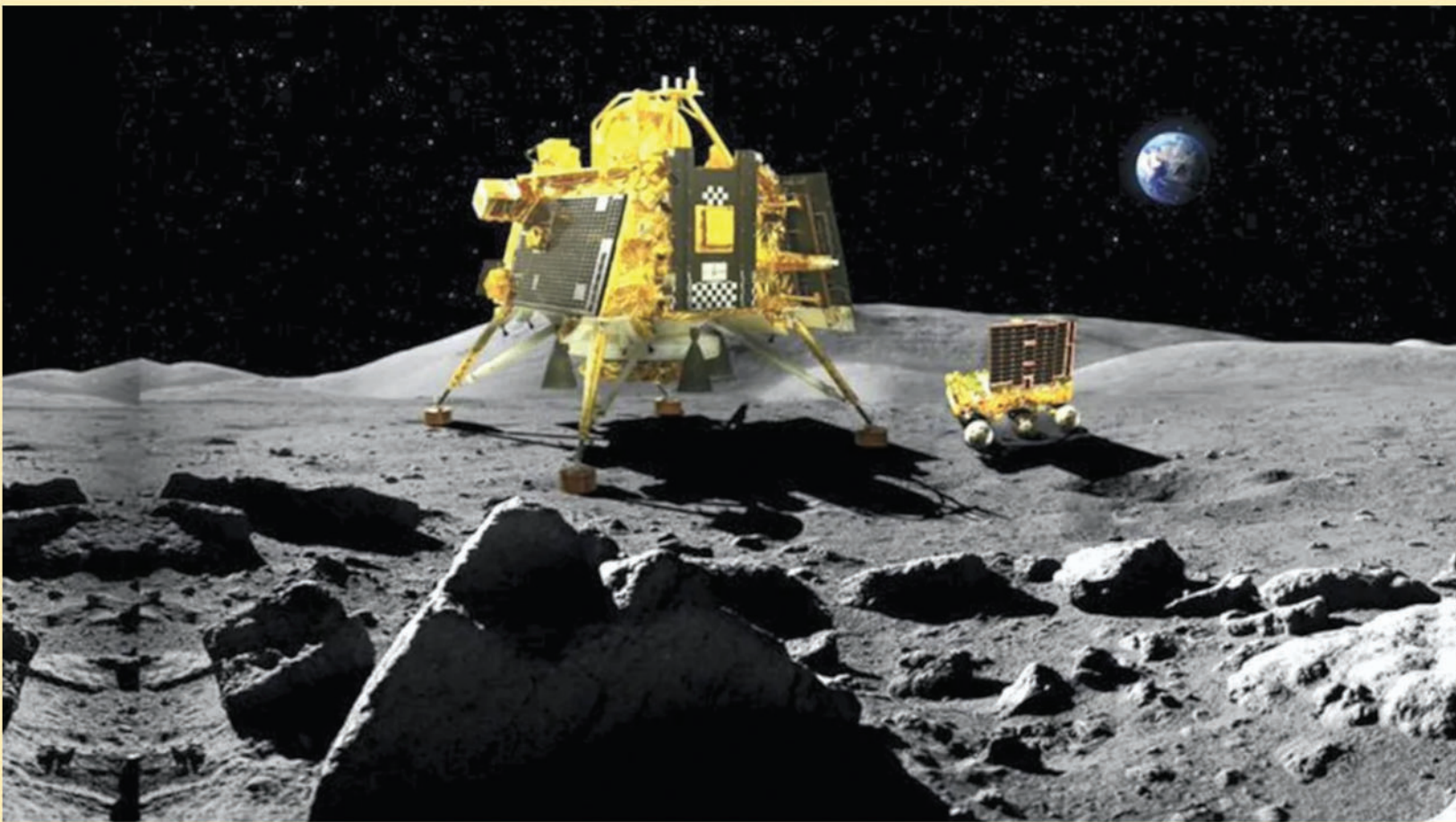


Theme 1.0 Chandrayaan Utsav

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

For more information:
Email: dceta.ncert@nic.in
PMeVIDYA IVRS: 8800440559



An image of Rover *Pragyan* with Lander *Vikram*

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राष्ट्रीय शैक्षिक अनुसंधान और प्रशिक्षण परिषद्
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