



**SPACE™**  
EMPOWERING LIFE  
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**SPACE EXPLORERS™**  
*Hands on Astronomy & Space Sciences Workshops*

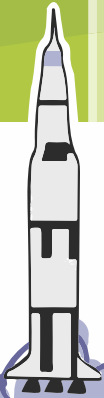
Educational Resource



**Be a rocket scientist!**

Launch rockets far away in the sky and watch the wonders of science, beautifully come alive in front of you.

**LET OFF!**

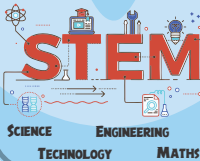


# SPACE EXPLORERS WORKSHOP

PROVIDE A  
UNIQUE  
LEARNING  
EXPERIENCE



PROMOTE  
STEM  
EDUCATION



OFFER  
HANDS - ON  
ACTIVITIES



INSTILL  
21<sup>ST</sup>  
CENTURY  
SKILLS

Social awareness   Technology  
Leadership   Innovation  
Critical Thinking   Adaptability  
Collaboration   Communication  
Creativity   Analytic thinking  
Problem solving   Imagination

## CHALLENGE YOURSELF

Q1 Read the hints below to find eight words related to rocket. One has been done for you.

- India's first machine sent to the Moon.
- Flying device, shaped like tube, that is driven by hot gases released from its end.
- Outer \_\_\_ is a place beyond our Earth.
- To send or to shoot.
- Process of doing something.
- Rubber bag inflated with air.
- A person trained to travel in space.
- Something done, felt or thought in response to a situation or event.

The word search grid contains the following words circled in red:

- ROCKET (vertical, right side)
- ASTRONAUT (horizontal, middle)
- REACTOR (horizontal, middle)
- SPACE (horizontal, bottom)
- LAUNCH (horizontal, bottom)
- ROCKET (horizontal, bottom)

Q2

①



②



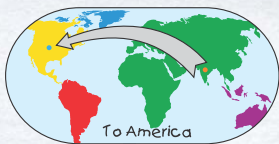
③



④



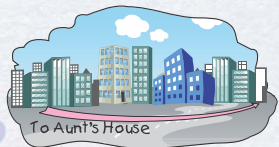
How  
do  
we  
travel?



(A)



(B)

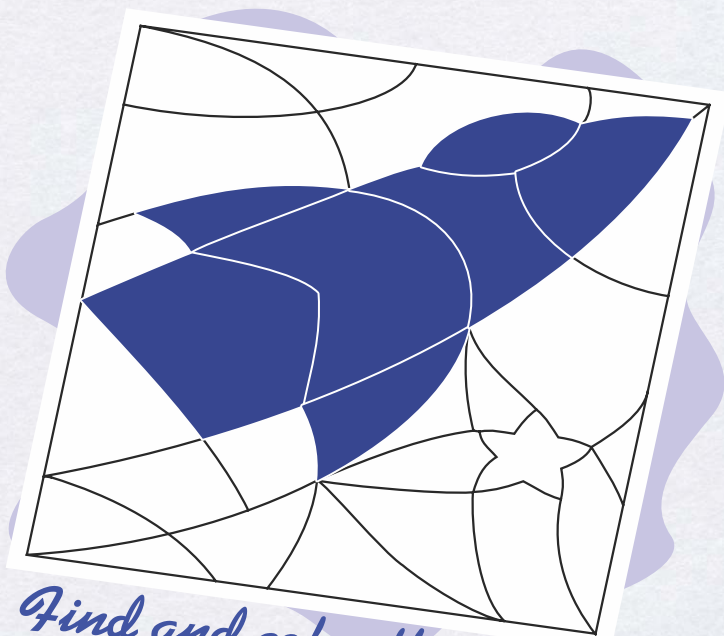


(C)



(D)

Q3



Find and color the Rocket