

# ADARSH GYANODAYA VIDYALAYA

BARH (PATNA)

तमसो माँ ज्योतिर्गमय

THEME  
**SPACE EXPLORER**

**SUMMER HOLIDAY  
HOMEWORK**

**Session: 2026-27**

Name: \_\_\_\_\_

Class:

**UKG**

Section: \_\_\_\_\_





# Welcome Space Explorers!

## Dear Parents and Future Astronauts,

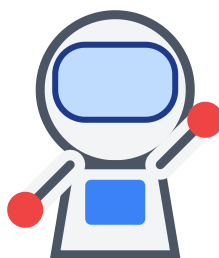
Summer vacation is here! It is time to blast off into a galaxy of fun and learning. This year, we are going on a **Space Explorer Adventure!**

In this booklet, you will fly rockets, count stars, read alien words, and discover the universe. UKG students are getting older and smarter, so get ready for some amazing challenges!

## Commander Instructions for Parents:

- Encourage your child to read the 3-letter words and sentences independently.
- Guide them with addition and numbers, but let them count the stars on their own.
- Spend time doing the physical "Astronaut Training" and night sky gazing together!
- Ensure the homework is done neatly and brought back to school after the holidays.

**Have a stellar summer vacation!**



Teacher's Signature: \_\_\_\_\_

Date: \_\_\_\_\_



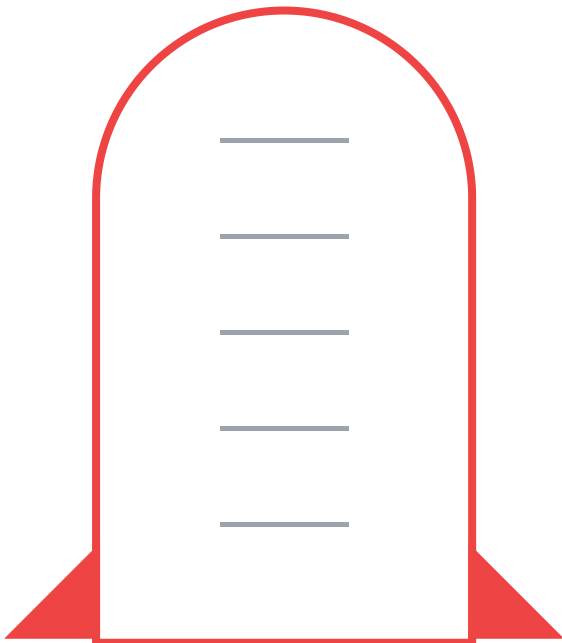
## Competency: Phonics &amp; Letter Categorization

# Sort the Space Rocks!

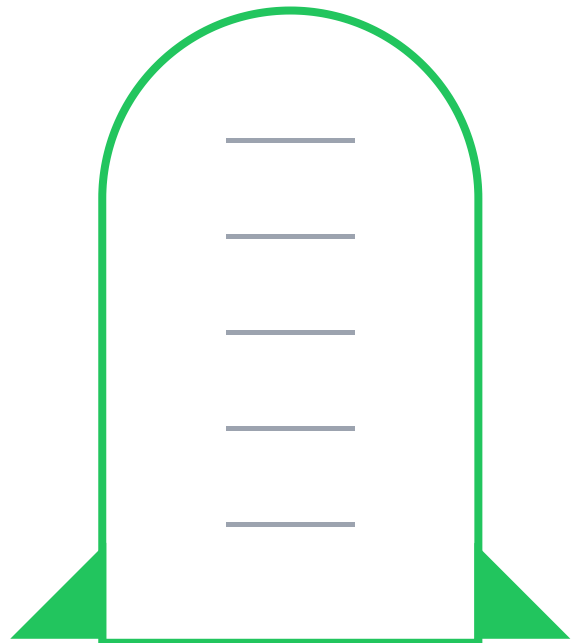
Write the **VOWELS** (a, e, i, o, u) in the Red Rocket and the **CONSONANTS** in the Green Rocket.



## VOWELS



## CONSONANTS





Competency: Reading CVC Words & Comprehension

# Alien Word Match!

Read the 3-letter word on the Alien. Draw a line to match it with the correct Earth object.





 Competency: Sight Word Recognition & Tracing

# Starry Sight Words!

Trace the sight words on the stars and colour the stars yellow.





Competency: Single Digit Addition with Objects

## Space Addition!

Count the space objects, add them together, and write the total.

$$\begin{array}{ccccccc} \star & \star & \star & + & \star & \star & = & \square \end{array}$$

$$\begin{array}{ccccccc} \text{leaf} & \text{leaf} & + & \text{leaf} & \text{leaf} & \text{leaf} & \text{leaf} & = & \square \end{array}$$

$$\begin{array}{ccccccc} \blacktriangle & \blacktriangle & \blacktriangle & \blacktriangle & + & \blacktriangle & = & \square \end{array}$$

$$\begin{array}{ccccccc} \text{eye} & \text{eye} & \text{eye} & + & \text{eye} & \text{eye} & \text{eye} & = & \square \end{array}$$

**Competency: Number Sequencing (1 to 20)**

# Rocket Countdown!

Write the missing numbers in the stars to help the rocket reach space.





Competency: Number Relationships (Before, After, Between)

## Planet Positions!

Write the correct numbers in the blank planets.

### What comes AFTER?



### What comes BEFORE?



### What comes BETWEEN?



योग्यता विकास: दो अक्षर वाले शब्द पढ़ना और समझना

## चित्र देखकर सही शब्द से मिलाओ।

Read the 2-letter Hindi word and match it to the picture.

घर



बस



नल



फल



योग्यता विकास: तीन अक्षर वाले शब्द लेखन

## बिंदुओं को मिलाओ और लिखो।

Trace the 3-letter Hindi words neatly.



क म ल



म ट र



क ल श



न य न

योग्यता विकास: वाक्य पूरे करना (चित्र देखकर)

## सही शब्द चुनकर वाक्य पूरा करो।

Look at the picture and write the correct word in the blank space.

जल बस खत रथ



\_\_\_\_\_ पर चढ़।



अब \_\_\_\_\_ भरा।



यह \_\_\_\_\_ पढ़।





जय \_\_\_\_\_ पर चढ़।



Competency: Categorization (Day vs Night)

# Day Sky or Night Sky?

Draw a line to match the picture to the correct sky.

<p></p> <p><b>DAY SKY</b></p>	<p></p> <p><b>NIGHT SKY</b></p>
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 **Competency: Visual Perception**

# Space Shadows!

Draw a line to match each space object with its exact shadow.





Competency: Problem Solving & Path Finding

# To the Rocket!

Draw a line through the maze to help the Astronaut reach the spaceship.

Teacher's Signature: \_\_\_\_\_

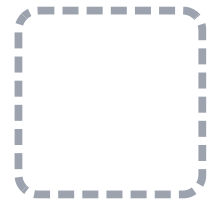
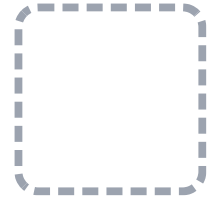
Date: \_\_\_\_\_



Competency: Pattern Recognition & Extension

# Space Patterns!

Look at the pattern. Draw and colour what comes next in the empty box.





Competency: Shape Recognition & Cut/Paste Motor Skills

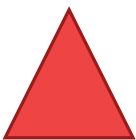
# Build a Shape Rocket!

### Instructions for Parents & Kids:

Cut out the shapes from the bottom of the page (parents please help with scissors!). Paste them correctly in the dotted outlines above to build your rocket.



CUT HERE



Teacher's Signature: \_\_\_\_\_

Date: \_\_\_\_\_




 **Competency: Sensory Exploration & Art**

# Thumbprint Galaxy!

## Instruction for Parents & Kids:

The galaxy is full of planets and asteroids! Dip your thumb in different water-colours (Blue, Yellow, Red) and press it around the spaceship to create your own colorful galaxy.

Thumb Prints  
Here! 





 Competency: Nature Observation & Parent-Child Bonding

## My Stargazing Log

Dear Parents,

Take your child to the terrace or roof on a clear night. Spend 10 minutes looking at the sky. Talk about the Moon, stars, and maybe airplanes! Help them fill out this observation log.

### What did you see in the sky? (Tick if yes)



I saw the Moon.



I saw bright twinkling Stars.



I saw Clouds covering the sky.

Draw what the Moon looked like!

Teacher's Signature: \_\_\_\_\_

Date: \_\_\_\_\_



**Competency: Gross Motor Skills & Following Commands**

# Astronaut Training!

Astronauts must be strong and fit to go to space! Parents, ask your child to perform these exercises and tick the box.



## Zero Gravity Jump!

Jump as high as you can 10 times.



## Space Walk Balance!

Stand on one leg and count to 10.



## Reach for the Stars!

Stretch your arms up high on tiptoes.



## Asteroid Dodge!

Run zig-zag between 5 pillows.

**MISSION ACCOMPLISHED!** 

**Parent Assessment Rubric**

# Holiday Homework Reflection

Dear Parents, please observe your child during the holidays and rate their engagement in the space activities.

Activity / Skill Area	Needs Help (☀)	Doing Good (☀☀)	Independent (☀ ☀☀)
Reading Basic Words (Eng & Hindi)			
Number Skills (Addition/Missing)			
Cutting & Pasting (Motor Skills)			
Physical "Astronaut" Activities			

**Parent's Comments (What did they enjoy the most?):**

Date: \_\_\_\_\_

Parent's Signature: \_\_\_\_\_