# SNBP International & Senior Secondary School, Chikhali, Pune. Affiliation No. 1130703 Academic session 2024-25 GRADE 3 NOTES DATE: 21/12/2024 Shared on CLASS: 3rd Prepared By: Shilpa B LS NO-13 Gotta Get Away from Gravity

### **Pre-** Activity-

What makes Earth special and different from all other planets? Ans: The earth has life while no other planet has life. This makes the earth special.

### Q.1. Keywords and Word meanings:

1.galaxy: a large group of stars, planets, gases, and dust.

2. axis: an imaginary line around which an object, such as Earth, rotates

**3. gravity**: the natural force that tends to pull objects toward each other, such as objects being pulled toward the centre of Earth

4. solar system: the objects that go around the sun, the other dwarf planets and small bodies

### Q2. Answer the following questions:

Q1. Why did Earth feel a bit low?

Ans: The earth is sick of just revolving around the Sun. So, she feels a bit low.

Q2. How was Uranus different from all the other planets?

Ans: Uranus is different from all the other planets because Uranus is very cold and windy. It rotates on its side.

Q3. Why do you think Neptune said 'And I was just getting warm'? Ans: Neptune said this because the Sun has come and its heat was making Neptune warm.

Q4. Why did the Sun want to move away from the rest of the bodies? Ans: The Sun wanted to move away from the rest of the bodies to visit other galaxies beyond the Milky Way, maybe even meet a Black Hole.

Q5. For whom did the Sun put out the energy? Ans: The Sun puts out the energy for all the planets.

Q6. Why did Earth want to break away from the planets' lineup? Ans: Earth is sick of just revolving around the Sun. She wants to break away from the lineup and see the galaxy

Q7. Why was she not able to break away and see the galaxy? Ans: She is not able to break away and see the galaxy because of the law of gravity.

Q8. What is a solar system, and how is it arranged?

Ans: The solar system is made up of the sun and everything that orbits around it, including planets, moons, asteroids, comets, and meteoroids.

The planets are arranged in the order: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune.

Q9. What is the Sun's effect on Earth? Ans: The Sun's effect on Earth is that it receives the Sun's rays and heat which helps in bringing life on the Earth.

Q10. Why did Sun feel proud of Earth? Ans: Sun feels proud of Earth because it has life on it.

# Q3. Reference to context:

# (a). "I'm not sick of Sun. I'm grateful to Sun"

(i) Who said these words?Ans: The earth said these words.

(ii)Why is Earth grateful to Sun? Ans: The Sun gives us light and heat therefore Earth feels grateful.

(iii) What is the reason of Earth being sick of?Ans: The Earth is sick of just revolving around Sun.

## Q4. Life skills and Values:

Earth is a unique planet. How do you think it is a wonderful planet? What can we do to protect it?
Ans: Earth is a unique planet because it's the only planet in our solar system that supports life. It has the right conditions for life.
Here are some ways you can help protect Earth
(i)Use reusable items: Use reusable water bottles and bags.
(ii)Volunteer: Volunteer for cleanups in your community
(iii)Plant trees: Plant more trees.

(iv)Conserve water: Conserve water and water bodies.

Post activity-

Draw the solar system and colour it.

**SUBJECT TEACHER** 

HOD

**CO-ORDINATOR** 

PRINCIPAL