

You can make this a **dramatic show-and-tell** — hold up the item and ask, “What if this started flying away?”

#	Everyday Thing	What Gravity Does	What Would Happen Without It
1	B Brushing teeth	Keeps brush & toothpaste in your hand	Toothbrush flies off — paste floats in air!
2	E Eating breakfast	Keeps cereal, milk, spoon in bowl	Food floats like in space!
3	W alking to school	Pulls you to ground	You bounce away like a balloon!
4	S itting in class	Keeps chairs, desks stable	Everyone floats mid-air — chaos!
5	W riting	Keeps paper on desk	Paper keeps slipping upward!
6	D inking water	Pulls liquid downward to swallow	Water won't go down your throat
7	F lying a kite	Keeps you on the ground while kite flies	You float up <i>with</i> the kite!
8	P laying football	Pulls ball down	Ball never lands — game over
9	R ain & rivers	Brings water down, keeps flow	No rain, no rivers — world dries
10	S leeping	Keeps you on bed	You drift like a balloon while asleep!

Teacher prompt: “Who can think of one more thing you couldn't do without gravity?” (Watching TV, painting, etc.)

Give a chance to every child to say something.

Theme: **The Descent of Ganga — When Faith Meets Physics**

Core Learning Objective

Help seniors understand that:

1. Even sacred phenomena operate under *scientific laws that are divinely designed*.
2. Dharma is not anti-science; it depends on *cosmic precision maintained by Krishna*.
3. When you understand the law, your respect for the law-giver deepens.

Story - The descent of Mother Ganga



* Many children know about the Maha Kumbha that happened in Jan-2025. Ask them what they know. Did anyone go? Give a chance to everyone to answer.

Start with an engaging science-fiction style prompt:

“Imagine one morning, gravity disappears for just one hour. What would happen to Ganga?”

Let them brainstorm:

- “Water wouldn’t flow.”
- “It would float like bubbles.”
- “No rivers, no seas, no rain.”
- “Even we’d float!”

Then say:

“Exactly. Even something as sacred as the Ganga’s flow depends on this invisible force. And that force—gravity—is Krishna’s silent energy at work.”

Tell them we will understand why millions take a bath in the Ganga daily. Tell the Story of Mother Ganga's descent.

Please read below sections from Bhagavatam nicely to tell the story.

1- <https://vedabase.io/en/library/sb/5/17> (verses 1 to 4)

2- SB Canto 9 Chapters 8–9 (read relevant sections)

Gist

1. The Divine Beginning — How Gaṅgā Came Into the Universe

- Once, Lord Viṣṇu appeared as **Vāmana**, a beautiful dwarf brāhmaṇa, before King **Bali Mahārāja**.
 - Vāmana asked for just **three steps of land**.
 - With two steps, He covered **the entire universe** — earth, sky, and heaven.
 - The tip of His toe **pierced the covering of the universe**, allowing a few drops of the **Causal Ocean** to flow in.
 - These drops became **the sacred Gaṅgā**, the *Viṣṇu-pādodaka* — water that touched the Lord's feet.
 - **Lord Śiva** received those divine waters on his head to break their force and held them there for a thousand celestial years.
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2. King Sagara and His Sixty Thousand Sons

- Generations later, in the **dynasty of Rohita**, appeared **King Sagara**, born with poison in his body (sa = with, gara = poison).
 - Sagara was powerful and righteous; he performed many **Aśvamedha yajñas** (horse sacrifices).
 - **Indra**, feeling threatened, stole the sacrificial horse and hid it underground near **Kapiladeva**, an incarnation of the Lord.
 - Sagara's **60,000 sons**, born from his wife Sumati, dug deep into the earth searching for the horse — their digging created the **Sāgara Ocean**.
 - They found **Kapiladeva in meditation** and, misunderstanding Him, accused Him of theft.
 - Their offense led to their destruction — they were **burnt to ashes by Kapila's glance**.
 - Kapila, however, promised that they could be **delivered by the touch of Gaṅgā's water**.
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3. The Line of Devotion Continues

- Sagara's grandson **Aṁśumān** found the horse and prayed humbly to Kapiladeva.
- Kapila advised that only the descent of Gaṅgā could purify the ashes.
- Aṁśumān tried to bring her, but failed.
- His son **Dilīpa** also attempted, but failed.

- Then came **Bhagīratha**, whose name would be remembered forever.
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4. Bhagīratha's Great Austerity

- Bhagīratha left his kingdom and performed **severe penances** for thousands of years.
 - Finally, **Mother Gaṅgā** appeared before him and agreed to descend — but with two conditions:
 1. Her **force** was so great that it could destroy the earth; someone must control it.
 2. She didn't want to **carry away the sins** of those who would bathe in her.
 - Bhagīratha promised:
 - **Lord Śiva** would bear her mighty current.
 - **Pure devotees' baths** would purify any accumulated sin.
 - Then he performed austerities to please **Lord Śiva**, who is *Āśutoṣa* — easily pleased.
 - Śiva caught Gaṅgā in his **matted locks**, then gently released her streams.
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5. Gaṅgā's Journey on Earth

- Gaṅgā followed **Bhagīratha's chariot** through mountains, forests, and plains.
 - Her waters sanctified all places she passed.
 - Finally, she reached the **ocean** and flowed down to the **nether regions (Pātāla)**, where the ashes of Sagara's sons lay.
 - As her waters touched them, the sons of Sagara were **freed and ascended to heaven**.
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Reflection:

“ The Ganges flows down from the Himalayas throughout India DUE TO GRAVITY.
We would not have the Ganga or the Kumbha without Krishna's Gravity.

Ganga Jal Purification

Optional activity - Bring one bottle of Ganga Jal and put a few drops on every student.



Scientific Bridge - Physics in Faith



Use simple visuals (show Ganga videos on TV if possible)

- Show how Ganga flows from **Gangotri (3,100 m)** to **Ganga Sagar (sea level)**.
- Explain: “It’s a gravitational potential difference — water moves from high to low energy.”
- Add: “The rate of flow, erosion, and fertility of plains — all depend on this exact 9.8 m/s^2 pull that never changes.”

Then quote BG 15.13:

“Gām āviśya ca bhūtāni dhārayāmy aham ojasā — Entering each planet, I sustain them by My energy.”

Say: “When Krishna said this 5,000 years ago, He summarized what physics calls gravitational stability.”

Discussion

Make them think, not just listen:

- “If even sacred rivers depend on natural laws, what does that teach us about balance in our lives?”
- “We often pray for miracles, but isn’t every law itself a miracle?”
- “If Krishna withdrew His sustaining energy, what would happen to our world — and to our values?”

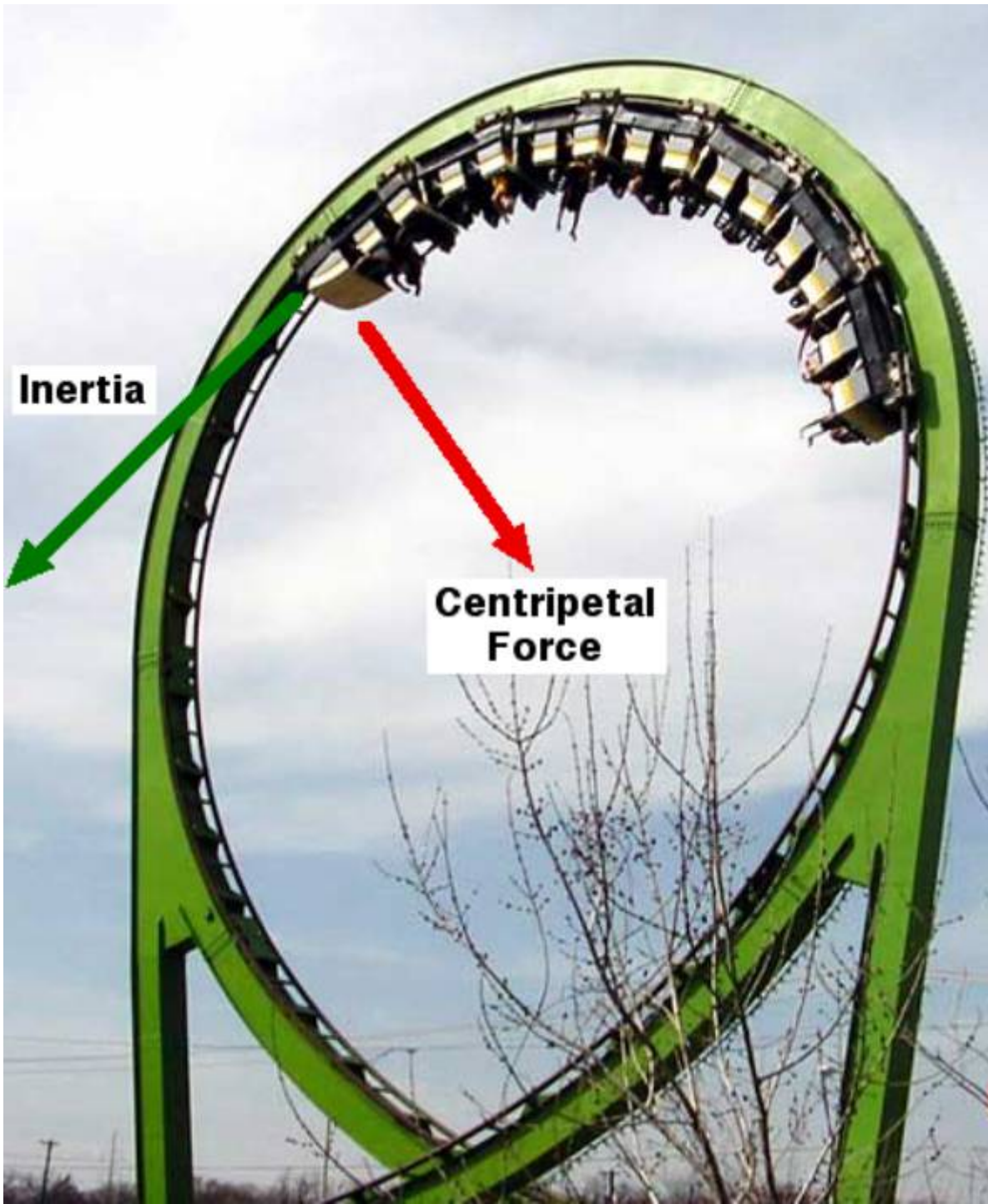
Link: “Our dharma depends not just on belief, but on Krishna keeping the universe precise.”

Activity

<https://www.youtube.com/watch?v=KdbbCf9Aluc>

If possible this video can be sent to students ahead of time and they can come prepared with all the materials to demo it. Teacher should be ready to demo. Centripetal force is the main thing in the video. In practical life roller coasters, earth moving around sun, washing machines and many more.

This force is how these things work BUT why does the force work at all mathematically? That Krishna is telling is because of him (dharayami aham ojasa).



Inertia

**Centripetal
Force**



At Home

1. This week look for the role of gravity in your life and remember Krishna with folded hands when you see it in action
2. Sprinkle a few drops of Ganga water near your Alter, Sacred Places and on everyone in the family -- while doing remember that Ganga is sacred because she emanates from the lotus feet of Krishna

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