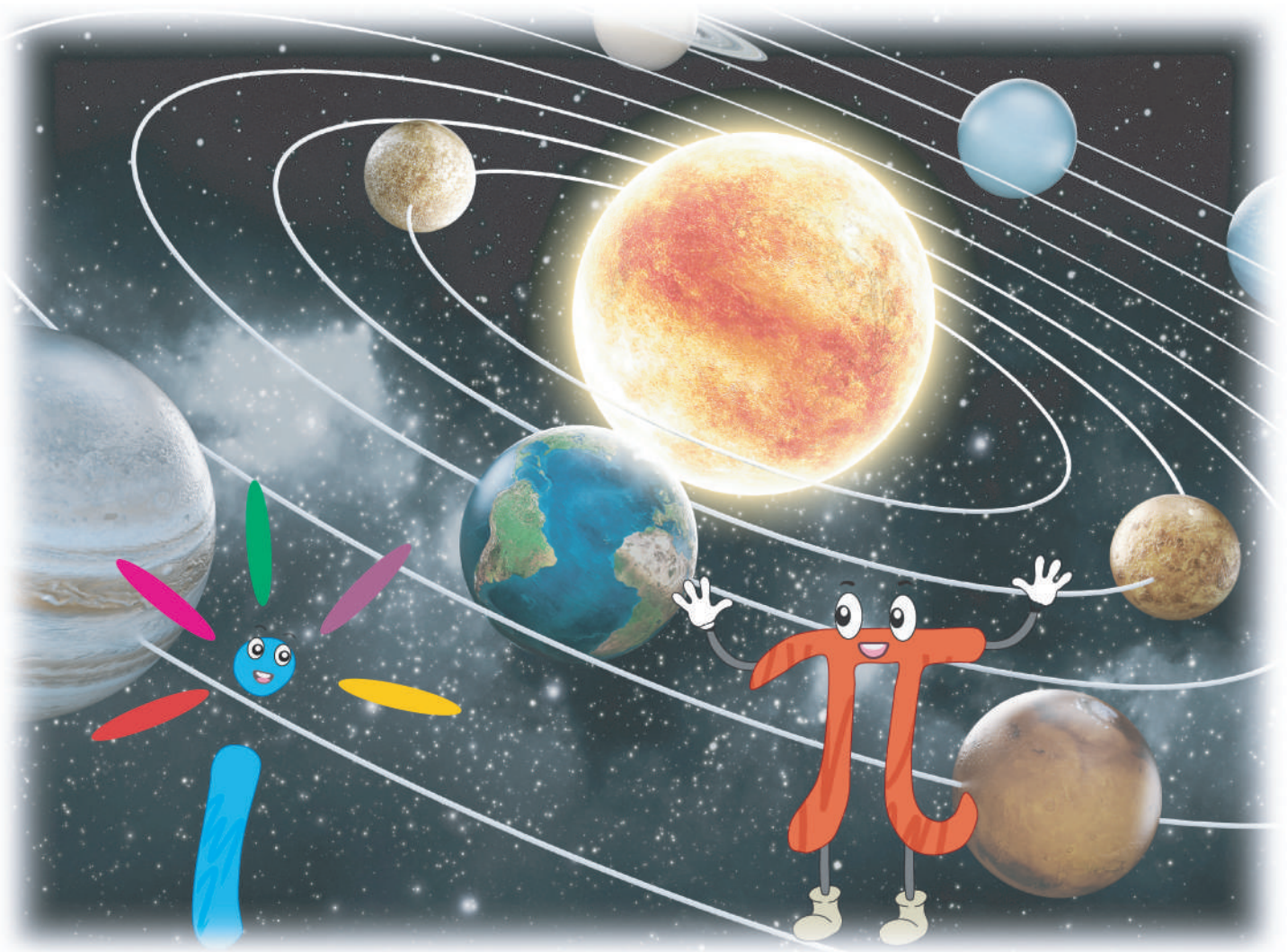


Explore the sky with pi



An {iPi}CreativeLab Production



The summer vacation started 2 days ago and our i buddy is very eagerly looking outside the window, the wait is about to get over as he hear the car arriving close to the door, and there he is!

As pi buddy arrives, they cheered in joy and i buddy took him along, as soon as pi buddy enters the house, his eyes seems to be glued at the picture on the wall.



With curious eyes he asked, "Hey i buddy what is that picture on your wall? Its so bright and beautifully shaped." i buddy smiles, gets close to the picture, "Well that is a picture of milky way galaxy and the bright part is our solar system."



pi buddy: “That's so cool! Where did you get this from?”

i buddy: “Last sunday I attended an event by {igebra.ai} and I won this prize, also let me show you one more I got, come with me.”



pi buddy: “This is the solar system, this picture is very colorful, I see so many sizes and shapes. Look! I can identify our planet earth.”

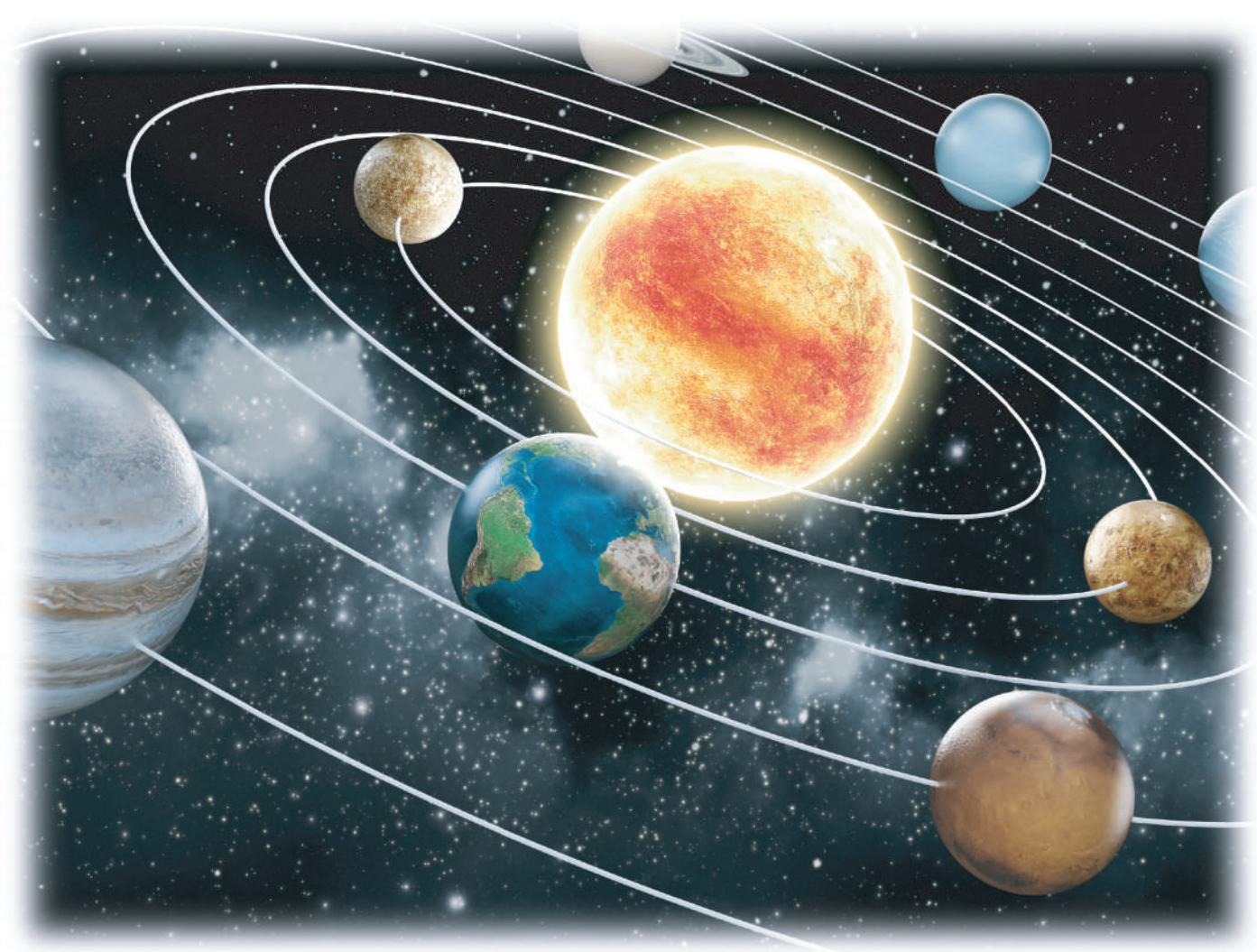
i buddy smiled and said “Not only earth, we have all 8 planets and our biggest star SUN.”



pi buddy: “I am so excited to see this, can you tell me more?” Both buddies laughed(he he he he...).”

i buddy: “Yes sure! Let me show you the math in our solar system.”

pi buddy: “Did you say ‘MATH’?”



pi buddy was astonished and curious at the same time and wanted to know more.

i buddy: “YES! Let’s explore. Do you see the planet close to the sun, that’s the smallest planet Mercury.”

pi buddy: “I see! (pointing at the picture) The grey color one.”



i Buddy: “Yes, that is the smallest of all planets.

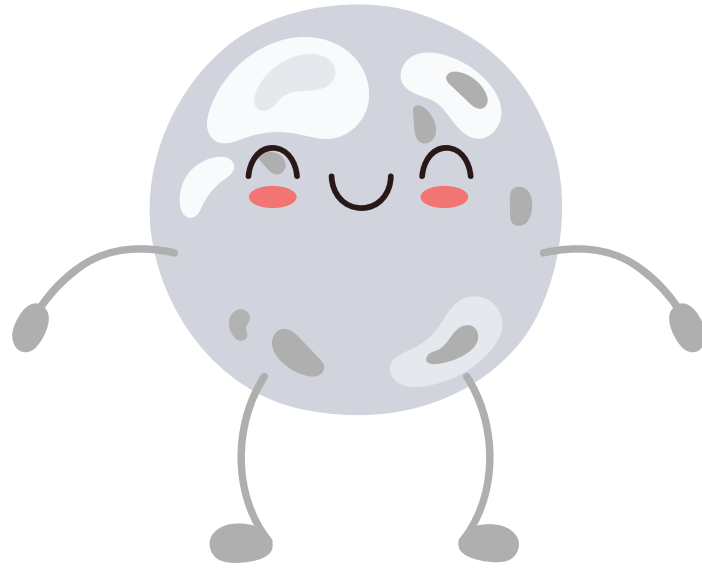
Also do you know

1 year on mercury = 88 days only.

Where as

1 year on earth = 365 day.”

pi buddy was amazed, it was something new he got to
know.



Mercury

pi buddy: “REALLY! So, that means while we at earth only complete around 2 months and 28 days, mercury completes a whole year.”

pi buddy: (shocked and happy) “OMG! We just used math to find this.”

i buddy: “YES! We did(smiling).”



Earth

pi buddy: “I want to know how much time earth takes to do the same?”

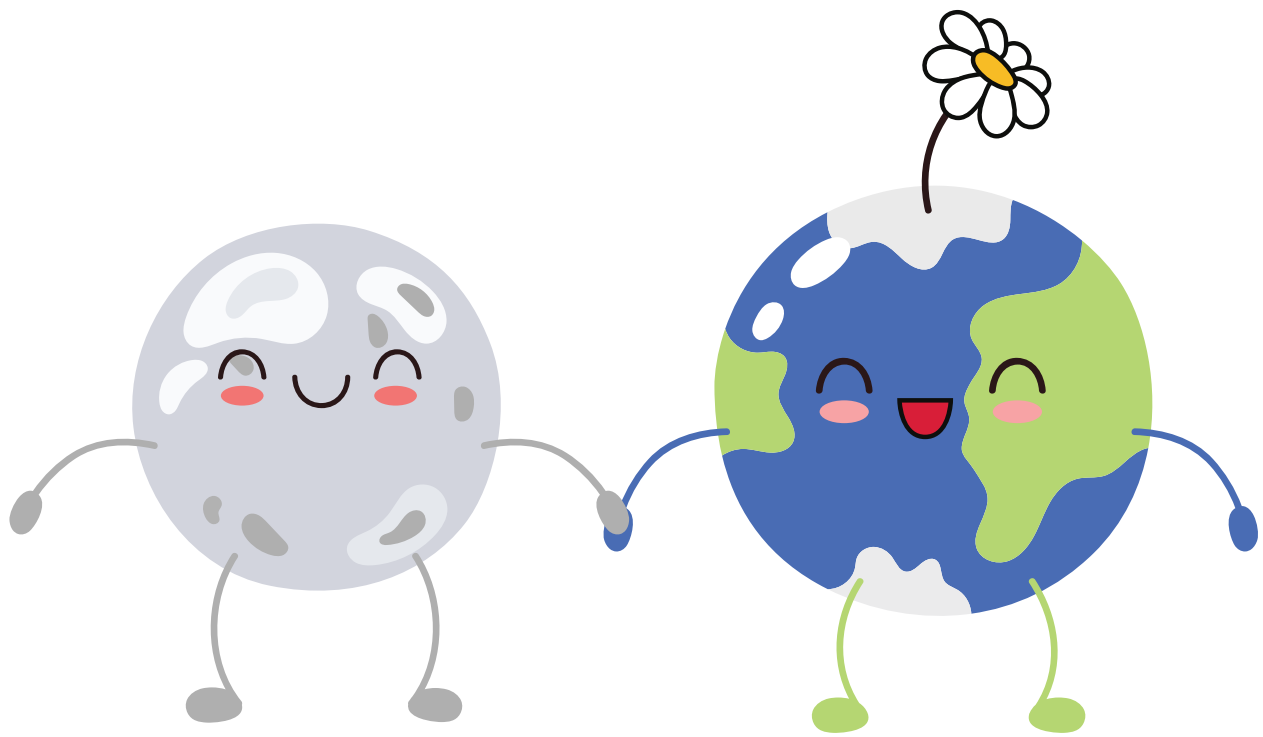
i buddy: “Our earth is the 3rd and the most interesting planet of solar system. It takes 365 days.

So, $365 \text{ days} = 1 \text{ year}$

$1 \text{ year} = 12 \text{ months}$

$1 \text{ month} = 30 \text{ days approx.}”$

pi buddy: “Wow! That's an amazing distribution of numbers.”



Mercury

Earth

i buddy: “Let me show you more math here. Another way of comparing two quantities can be also finding the Ratio of them.

$88 : 365$

And it's approximately 0.24.”

pi buddy: “So do you mean that a year in Mercury is 0.24 times the year in earth?”

i buddy: “Mmm.. Hmm.. that's correct.”



i buddy continues, "Also do you know it takes only 24 hrs for earth to revolve around its own axis and its called as Rotation."

pi buddy(giggling): "I am sure our earth buddy have to rotate very fast to complete one round in just 24 hrs."
(Both laughing)

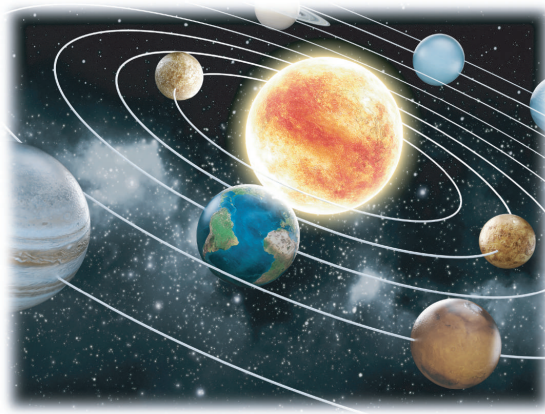
i buddy: "Well !! Our earth buddy is 4.543 billion years old, still quite active."



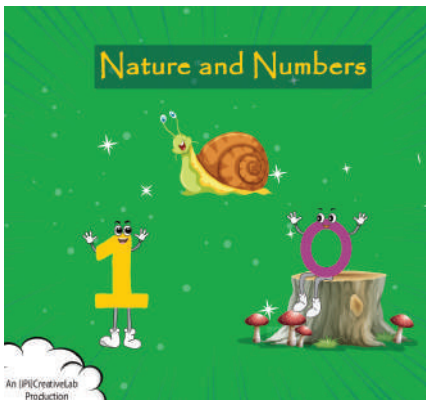
pi buddy: "Hey! It's already 5pm. let's go to the playground, O buddy must be waiting."

i buddy: "Oh! I didn't even realize, Hurry up, let's go."

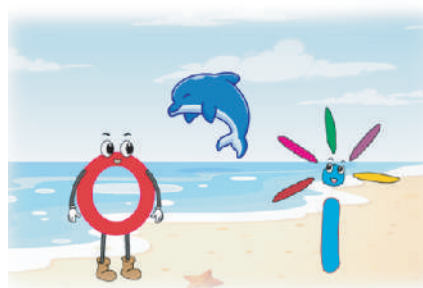
Explore the sky with pi π



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Buddies Day Out
With Dolphins



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