

Rachel & the TreeSchoolers

Rachel and the TreeSchoolers Theme Song

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I'm Penny

I'm Simon

I'm Abacus Finch

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Chroma Chameleon

Yo, I'm Isaac Newt, (ha, ha)

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Abigail Nightingale

The firefly, Hue

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Bongo (ha ha ha ha)

And me Tomas, you'll love me

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We love Preschool

We love TreeSchool

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I Wonder

I wonder
Do you wonder?
It all begins with wonder
With a question on your mind
You will find the world is wonderful



I wonder
Do you wonder?
The world is full of wonder
Every day is a surprise
You and I will find the wonderful

I wonder about different planets
I wonder about things too far to see
I wonder what makes stars bright
I wonder what the moon's like
I'd love to learn about astronomy

I wonder
Do you wonder?
It all begins with wonder
With a question on your mind
You will find the world is wonderful
With a question on your mind
You will find the world is wonderful

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ABCS OF ASTRONOMY

ABCs of astronomy
ABCs of astronomy
A-B-C-D-E-F-G-H-I-J-K-L-M
N-O-P-Q-R-S-T-U-V-W-X-Y-Z
The ABCs of astronomy

Astronaut
Big Dipper
Constellations
Dwarf Planets
Eclipse
Falling Star
Galaxy
Horizon
Inferior Planets
Jupiter
Kirkwood Gap
Light Year
Mars
Mercury
Moons
Neptune
Orbit
Pluto
Quasar
Rocket

Saturn
Sun
Telescope
Uranus
Venus
Waning
Waxing
X-Rays
Year
Zenith

A-B-C-D-E-F-G-H-I-J-K-L-M
N-O-P-Q-R-S-T-U-V-W-X-Y-Z
The ABCs of astronomy
ABCs of astronomy
ABCs of astronomy
ABCs of astronomy



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Twinkle, Twinkle, Big Bright Sun

Twinkle, twinkle, big bright sun
Here you are, my day's begun
You don't rise and you don't set
It's sometimes easy to forget
You hold still as Earth spins 'round
While I'm standing on the ground

So the sun doesn't really rise and set. It doesn't move at all. The earth rotates on its axis and moves around the sun. But see that bright star by the moon? It's not always there. It comes and goes. That's not a star! It's a planet.

Planet shining in the sky
I can see you with my eyes
I once thought you were a star
It's hard to tell 'cause you're so far
You're a planet, yes, it's true
Red, orange, yellow,
green, or blue

But what about shooting stars and falling stars? What are those?

Twinkle, twinkle shooting star
Streaks of light seen from afar
Tiny bits of dust and rock
Earth's atmosphere lights you up
If you ever reach the ground
Meteorites will be found

What's the red and green flashing star I see at night? That's my favorite. Oh, Bongo, that's actually an airplane!

Airplane, airplane, flying 'round
Sometimes I hear zooming sounds
I can see your flashing lights
Moving slowly through the night
Now I know just what you are
You're my favorite "not a star"



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Cruising Through Our Solar System

One! Mercury has wrinkles
It's closest to the sun
It doesn't have a moon
Living there would not be fun

Two! Venus is the brightest
The Earth is the same size
With volcanoes everywhere
Living there would not be wise

Chorus:

We're cruising through our solar system
Spin like a planet
We're cruising through our solar system
Jump like an astronaut
We're cruising through our solar system
Fall like a meteor
We're cruising through our solar system
Freeze like a star

Three! Earth has lots of water
It's blue and brown and green
With animals and plants
Earth is home for me

Four! Mars is the red planet
With rocks and dust so red
It has a mountain almost three
times the height of Mount Everest

Mercury, Venus, Earth, Mars, Jupiter,
Saturn, Uranus, Neptune
Let's go!

Five! Jupiter has 67 moons and it has rings
The rings are made of particles of
Dust and rocks and things

Six! Saturn has many rings of water, rocks,
and ice
With many moons and moonlit scenes
Saturn is quite nice

Chorus

Seven! Uranus is tipped over
But this planet might fool you
It's freezing and it's massive
And it's filled with diamonds
Ooh yeah!

Eight! Neptune is a planet that's a brilliant
shade of blue
It's the windiest planet
Too much wind for me and you

Mercury, Venus, Earth, Mars, Jupiter,
Saturn, Uranus, Neptune
Let's go!

Chorus (twice)

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Gravity

Gravity is pulling me down
Gravity is pulling me down

There's a force we cannot see
It's the force of gravity
Gravity pulls everything together
Gravity's the reason why
You can't jump into the sky
Gravity pulls you down
And makes things fall

Massive things like moons and stars
Earth, Venus, Jupiter, and Mars
Have a lot of gravitational pull
Little things like rocks and balls



Don't have much gravity at all
The only gravity we feel
Is from the giant planet Earth

Gravity is pulling me down
Gravity is pulling me down

The sun although it looks so small
Is the biggest thing of all
In our solar system
The sun has so much gravity
It keeps our planets orbiting
So they don't float away
Into space

Gravity is pulling me down
Gravity is pulling me down
Gravity is pulling me down
Gravity is pulling me down

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The Phases of the Moon

New moon, I can't see you
Can't see you in the night
Waxing crescent, just a slice
Reminds me of a smile

Waxing light, growing
Waxing light, expanding
Waning light, shrinking
Waning light, decreasing

New moon, I can't see you
Can't see you in the night
Waxing crescent, just a slice
Reminds me of your smile

First quarter, half moon
Then waxing Gibbous growing
Gibbous moons are more than half lit
See the moonlight glowing

Full moon, I see you,
Big and bright and round
Once the moon is big and round
Waning brings it down

Third quarter, half moon
Then waning crescent slice
Before we say goodnight to...

New moon, I can't see you
Can't see you in the night
Waxing, waning, ever changing
Up in the sky

Gibbous light up more than half
Gibbous getting bigger
Crescent light is less than half
Crescent's just a sliver

New moon, I can't see you
Can't see you in the night
Waxing crescent, just a slice
Reminds me of a smile

Waxing light, growing
Waxing light, expanding
Waning light, shrinking
Waning light, decreasing

New moon, I can't see you
Can't see you in the night
Waxing crescent, just a slice
Reminds me of your smile

First quarter, half moon
Then waxing Gibbous growing
Gibbous moons are more than half lit
See the moonlight glowing

Full moon, I see you,
Big and bright and round
Once the moon is big and round
Waning brings it down

Third quarter, half moon
Then waning crescent slice
Before I say goodnight to you, to you

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Keep Looking to the Stars

People long ago
Looked up to the sky
They saw the twinkling stars
And started asking
How, what, and why

They saw patterns in the stars
So they gave them names
They called them constellations
They helped them know the time
and season and navigate

Copernicus discovered through
mathematics and astronomy
That the planets revolved
Around the sun
What an incredible discovery

Galileo made a telescope in 1609
He saw craters on the moon
And with some time
He saw Jupiter's moons and
discovered sunspots
He inspired the world with
scientific thought

Keep looking to the
Stars, stars, stars
Keep on asking
What, how, why

Keep looking to the
Stars, stars, stars
See how far we'll fly, fly, fly
Keep looking to the
Stars, stars, stars
Keep on asking
What, how, why
Keep looking to the
Stars, stars, stars
See how far we'll fly, fly, fly
Keep looking to the stars

Scientists kept asking
How, what, and why
Like Isaac Newton, Tycho
Brahe, Johannes Kepler,
Stephen Hawking,
and Albert Einstein

Everything we learn
Is like a little puzzle piece
That helps us understand the
universe and do amazing things

Man launched the satellite
Sputnik, into space
It was 1957
The start of the space race
In 1961
Man flew into space
In a rocket ship
Inspiring the human race

In 1969
Man walked on the moon
Inspiring our hearts
Amazing things we do

In 2012
We sent a rover to Mars
Maybe some day
We'll be driving there in cars

Keep looking to the
Stars, stars, stars
Keep on asking
What, how, why
Keep looking to the
Stars, stars, stars
See how far we'll fly, fly, fly

You don't have to fly to
outer space
You can do amazing things
Every single day
You can be the best you that
you can be
After all you are an amazing
human being

Keep looking to the
Stars, stars, stars
Keep on asking
What, how, why
Keep looking to the
Stars, stars, stars
See how far we'll fly, fly, fly
Keep looking to the stars

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Share It

Yes, you've wondered
You kept on asking
You kept on asking 'til you understood
And now that you know the answer
There's just one more thing
You have to do

Go share it with a friend
Share it with a friend
Share it with a friend
Yes, anyone will do

Go share it with a friend
Share it with a friend
When you share it with a friend
It becomes a part of you

You can share it with your hamster
Your sister or a dog
You can share it with your monkey
Your brother or a frog

Go share it with a friend
Share it with a friend
Share it with a friend
Yes, anyone will do

Go share it with a friend
Share it with a friend
When you share it with a friend
It becomes a part of you

You can share it with a grown up
A baby or a shoe
You can share it with a neighbor
A bird or bee or newt

Go share it with a friend
Share it with a friend
Share it with a friend
Yes, anyone will do

Go share it with a friend
Share it with a friend
When you share it with a friend
It becomes a part of you
Share it!

