

Lyrics Book



Responding to Needs, Driving Change

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Childhood Development Initiative, (2022). CDI DOODLE STEAM: Lyrics, 2022. Dublin. CDI.

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Science

- 1) <u>Humpty Dumpty (https://www.youtube.com/watch?v=nrv495corBc&abchannel=SuperSimpleSongs-KidsSongs</u>
- 2) <u>Itsy Bitsy Spider (https://www.youtube.com/watch?v=TRcDPd3VY0M&abchannel=LittleAngel%3ANurseryRhymes%26KidsSongs)</u>
- 3) <u>Living Things (https://www.youtube.com/watch?v=3BY7QOwCnCg&abchannel=Badanamu)</u>
- 4) <u>Ecosystems (https://www.youtube.com/watch?v=NYx0tsfCTKQ&ab_channel=Badanamu)</u>
- 5) Plants (https://www.youtube.com/watch?v=7ZP1EirrN4I&ab_channel=Badanamu)
- 6) <u>Seven Continents Song (https://www.youtube.com/watch?v=K6DSMZ8b3LE&abchannel=Hopscotch)</u>
- 7) <u>Animal Classification: The Vertebrates Song (https://www.youtube.com/watch?v=P9ptHAClC4Q&ab_channel=Hopscotch)</u>
- 8) <u>Hypothesis Song (https://www.youtube.com/watch?v=XuzktPYP1QY&ab_channel=NetflixJr.)</u>
- 9) My Heart (https://www.songsforteaching.com/jennyfixmanedutunes/myheart.htm)
- 10) Wash Your hands with Rufus (https://www.youtube.com/watch?v=oaOts4ATkdc)
- 11) Planets Song (https://www.youtube.com/watch?v=7t099KIWVVs&ab_channel=KLT)
- 12) The Dinosaurs Song (https://www.youtube.com/watch?v=W0FOZ0-VpcU)
- 13) Why does the Sun Shine? (https://www.youtube.com/watch?v=3JdWISF195Y)

Technology

- 14) <u>Computer Bug (https://www.youtube.com/watch?v=bdRKnGcOgno&ab_channel=Ottiya-CreativeLearningforKids)</u>
- 15) We the Digital Citizens (https://www.youtube.com/watch?v=-N7lRYMmbXU&ab_channel=CommonSenseEducation)
- 16) <u>Media Balance Is Important (https://www.youtube.com/watch?v=ikzY4NQeR1U&ab_channel=CommonSenseEducation)</u>
- 17) Googly Eyes (https://www.youtube.com/watch?v=r0luTBHjcGs&ab_channel=polkadotsnz)
- 18) <u>The Technology Song For Kids (https://www.youtube.com/watch?v=JXdk3Fwkx4c&abchannel=littleengineer)</u>

Engineering

- 19) <u>The Engineer Song (https://www.youtube.com/watch?v=Ra7Bax6rGoQ&abchannel=Hopscotch)</u>
- 20) <u>London Bridge is Falling Down (https://www.youtube.com/watch?v=vTvNwAT29Lo&abchannel=HooplaKidz-OfficialNurseryRhymesChannel)</u>
- 21) <u>Electric Car (https://www.youtube.com/watch?v=jAv6M1Bai0c&list=OLAK5uy</u> mH7rulpmCEy8hqbXmrm4XBkd1WU8WjqYo&index=5)

Arts

- 22) <u>We Call It Art Song! (https://www.youtube.com/watch?v=1UPxCSQt_kc&ab_channel=SesameStudios)</u>
- 23) <u>The Artist Song! (https://www.youtube.com/watch?v=p0OMfzTqbhw&ab_channel=TreehouseDirect)</u>
- 24) <u>If You can Dream It (https://www.youtube.com/watch?v=I4AieOavjR8&ab</u> channel=Badanamu)
- 25) Work On Our Fitness (https://youtu.be/mddhmXHoHCQ?t=21)
- 26) <u>Let's Star Jump! (https://www.youtube.com/watch?v=Qgq8nZqYNmE&ab</u>channel=DebbieDooKidsTV)
- 27) Follow The Leader Dance (https://www.youtube.com/watch?v=riicsTE2TzQ&ab_channel=DJRaphi)
- 28) <u>Trolls: Can't Stop The Feeling dance (https://www.youtube.com/watch?v=KhfkYzUwYFk&ab_channel=GoNoodle%7CGetMoving)</u>
- 29) <u>The Musical Instruments Song for Children (https://www.youtube.com/watch?v=6GgzAc5Ezsk&ab_channel=HiDinoKidsSongsWithFunStories)</u>

Maths

- 30) <u>1,2,3,4,5 Once I caught a fish alive (https://www.youtube.com/watch?v=LNmEFt8cQ_U&ab_channel=SuperSimpleSongs-KidsSongs)</u>
- 31) Sorting (https://www.youtube.com/watch?v=WxZO5alS2A8&ab_channel=Badanamu)
- 32) Ten In the Bed (https://www.youtube.com/watch?v=TdDypyS_5zE)

Storybots

- 33) Where Does Rain Come From? (https://www.youtube.com/ watch?v=xQc5rP70aAU&list=OLAK5uy_m87yvj5urr6FAkb8WYFvdjr6nu86xix6E&index=7&ab_channel=Storybots-Topic)
- 34) Outer space
 - <u>A Beautiful, Beautiful World (Earth) (https://www.youtube.com/watch?v=TBmZjOHrVJ0&ab_channel=NetflixJr.)</u>
 - <u>I'm a Star (https://www.youtube.com/watch?v=7t3aXb3LpWg&ab_channel=NetflixJr.)</u>
 - <u>I'm so Hot (Sun) (https://www.youtube.com/watch?v=t-kzdR93bqw&ab</u> channel=NetflixJr.)
 - <u>Time to Shine (Moon) (https://www.youtube.com/watch?v=i235Y2HRksA&ab</u> channel=NetflixJr.)
 - <u>We Are the Planets (https://www.youtube.com/watch?v=ZHAqT4hXnMw&abchannel=NetflixJr.)</u>

- 35) <u>How Are Planets Made? (https://www.youtube.com/watch?v=QWpOdHbCrMo&list=OLAK5uy_nvI-98_wrC0TnxPk1iMTwwQ9MZK20Q7vg&index=8&ab_channel=Storybots-Topic)</u>
- 36) How Do Cell Phones Work? (https://www.youtube.com/watch?v=Q2_TQT-UEAw&list=OLAK5uy_nvl-98_wrC0TnxPk1iMTwwQ9MZK20Q7vg&index=20&ab_ channel=Storybots-Topic)
- 37) <u>The Gravity Song (https://www.youtube.com/watch?v=7aAHemNCJIs&list=OLAK5uy_nvl-98_wrC0TnxPk1iMTwwQ9MZK20Q7vg&index=8&ab_channel=Storybots-Topic)</u>
- 38) <u>How Do Eyes See? (https://www.youtube.com/watch?v=rZgbI44kksE&list=OLAK5uy_nvl-98_wrC0TnxPk1iMTwwQ9MZK20Q7vg&index=32&ab_channel=Storybots-Topic)</u>
- 39) Professions:
 - Architect (https://www.youtube.com/watch?v=3UYwp-qMCQU&ab_channel=NetflixJr.)
 - <u>Software engineer (https://www.youtube.com/watch?v=GyGdhSUEOjs)</u>
 - <u>Veterinarian (https://www.youtube.com/watch?v=zWsN1EFGKkc&abchannel=NetflixJr.)</u>
 - Pilot (https://www.youtube.com/watch?v=u3t2QvWC7bE&ab_channel=NetflixJr.)
 - <u>Scientist (https://www.youtube.com/watch?v=wqlvmrhjuGQ&ab_channel=Storybots-Topic)</u>

Lyrics

1) Humpty Dumpty

Humpty Dumpty sat on a wall.
Humpty Dumpty had a great fall.
All the king's horses and all the king's men
Couldn't put Humpty together again.

Humpty Dumpty sat on a wall.

Humpty Dumpty had a great fall.

All the king's horses and all the king's men

Couldn't put Humpty together again.

Humpty Dumpty sat on a wall.
Humpty Dumpty had a great fall.
All the king's horses and all the king's men
Couldn't put Humpty together again.

2) Itsy Bitsy Spider

The itsy-bitsy spider
Climbed up the waterspout.
Down came the rain
And washed the spider out.
Out came the sun
And dried up all the rain,
The itsy-bitsy spider
Climbed up the spout again!

The itsy-bitsy spider
Climbed up the stairs.
'Woosh' went the wind
And blew him in the air.
Out came the sun
No longer did it blow.
The itsy-bitsy spider
Had another go.

The itsy-bitsy spider
Climbed up the chimney spout.
Birds made a nest
And blocked the spider out.

The birds flew away
And let the sun come in.
The itsy-bitsy spider
Climbed up the spout again!

Went to the zoo.
Along came an elephant
And said 'How d'you do?'
He met all the spiders,
The snakes and lizards too.
The itsy-bitsy spider
Went on to somewhere new.

The itsy-bitsy spider

The itsy-bitsy spider
Climbed to the top.
He made a silky web
And spun it without a stop
Then came the wind
And blew it all away.
The itsy-bitsy spider
Started it again.

3) Living Things

Every living thing needs air to breathe Water to drink and food to eat.
Every animal from the birds in the trees
To the dolphins and the whales
In the deep blue sea.

Even a frog has to eat A toad, a lion, a bumblebee. Even a fish and a chimpanzee They all need food to eat.

Every living thing needs air to breathe Water to drink and food to eat.
Every animal from the birds in the trees
To the dolphins and the whales
In the deep blue sea.

A big red dog needs water to drink Like cats and otters and green algae. A mighty oak tree needs water you see To grow so tall and make shade for me!

Every living thing needs air to breathe Water to drink and food to eat.

Every animal from the birds in the trees

To the dolphins and the whales

In the deep blue sea.

Plants in the garden have to breathe The flowers and the veggies and the fruits so sweet.

Monkeys and daisies and tiny fleas Even cucumbers need air to breathe. (Believe me!)

Every living thing needs air to breathe Water to drink and food to eat.

Every animal from the birds in the trees

To the dolphins and the whales

In the deep blue sea.

4) Ecosystems

From the great green forests
To the ice in the North Pole.
To the mountains and oceans
And every river we know.

From the deserts to the plains
To the valleys below.
Every place has an ecosystem
A place called home.

Dirt supports plants
So they grow and seed.
Then plants make oxygen
So animals can breathe.

Then, animals make waste So the soil gets enriched. And then bugs are born So they can feed all the fish.

From the great green forests
To the ice in the North Pole.
To the mountains and oceans
And every river we know.

From the deserts to the plains
To the valleys below.
Every place has an ecosystem
A place called home.

Rocks support the bottom
Where the river flows.
And bugs on the rocks
Feed the frogs and the toads.

And fish swim around
In the deepest holes.
Where the sun shines through,
And it warms the cold.

From the great green forests
To the ice in the North Pole.
To the mountains and oceans
And every river we know.

From the deserts to the plains
To the valleys below.
Every place has an ecosystem
A place called home.

5) Plants

The roots are in the ground

And the stem grows up.

Then the leaves grow out

And the flowers sprout.

And if you're lucky

The flowers grow fruit.

It's amazing what plants can do! Do! Do!

All you need is a seed

And a little bit of dirt.

A splash of water

And some sunshine doesn't hurt.

Then the seed will grow

And grow and grow.

And before you know it

What do you know?

It's a plant!

A plant?

A big green plant!

A plant! A plant!

So what do you think of that?

'Cause the roots are in the ground

And the stem grows up.

Then the leaves grow out

And the flowers sprout.

And if you're lucky

The flowers grow fruit

It's amazing what plants can do! Do! Do!

Wow!

Look at 'em go!

First it's the roots,

And then the stem.

And then the leaves,

The flowers!

The roots are in the ground

And the stem grows up

Then the leaves grow out

And the flowers sprout

And if you're lucky

The flowers grow fruit

It's amazing what plants can do! Do! Do!

6) Seven Continents Song

The world is split up into continents, there are seven in all.

And if you get the gist, we're gonna make a list from biggest to small:

They are:
Asia, Africa,
North and South America,
Antarctica, Europe,
and finally, Australia.
(repeat)

Hey! My name is Asia, And more than half of the world lives here, but, whatever.

And I am Africa, with desert for miles And my Nile is the longest river. North America! Start down in Panama, Wide open spaces, all the way to Canada.

I'm South America with animals galore, Where the rainforest grows 'cause the rain really pours.

I'm Antarctica, and I'm totally ice.

And I'm Europe. You're welcome... For the pasta, pizza, waffles, and fries.

I am Australia, some call me Oceania, I got a lot of islands, too many to explain to ya.

We are Asia, Africa, North and South America, Antarctica, Europe, and finally, Australia.

7) Animal Classification: The Vertebrates Song

Do you have a backbone? That's weird Ninety-five per cent of earth life does not. of us fly.

You're called a vertebrate because of the spine you've got

There are five vertebrate classes.

Some have warm blood and some have cold, Some on land, in the air or sea.

What are they called? Repeat after me:

Mammals, reptiles, birds, amphibians, and fish.

Mammals, reptiles, birds, amphibians, and fish.

Hedgehog:

Most mammals don't come in eggs like all the others,

The babies drink milk from their mothers. And we all have fur or hair on our soft skin. We have cats, deer, platypus, kangaroos, and

Fun fact: whales and bats are mammals, too.

Turtle:

Reptiles are covered in scales or bony plates, Yeah, we know you can't relate.

We lay eggs with a leathery shell, We have snakes, lizards, crocodiles, and turtles, as well.

Toucan:

Birds are born from hard-shelled eggs, We have beaks and feathers, but scales on our legs.

Not all of us take to the sky,

But most of us have hollow bones and most

Frog:

Amphibians lead a double life in cold blood, Our metamorphosis takes us from the water to the mud.

We start with gills, then we graduate to lungs, Some of us catch food with our specialised tongues.

Some of us look like worms, and some of us are long,

And some of us are toads, but most of us are frogs.

Shark:

Fish, fish, fish are the largest groups of vertebrates,

And we've been around much longer.
We have scales and fins, we're ectothermic,

And we lay our eggs in the water.

And guess what: a jellyfish is not a fish 'cause it doesn't have a backbone...

Same with starfish, shellfish, cuttlefish, and crayfish.

These are fake fish.

Ok, I'm done... But they're fake.

There are so many ways to divide up the data, But we all have spines in subphylum vertebrata.

(Subphylum vertebrata! Subphylum vertebrata!)

Mammals, reptiles, birds, amphibians, and fish (but only the real ones!)

Mammals, reptiles, birds, amphibians, and fish.

Birds, amphibians, and fish.

8) Hypothesis song

How, what, where, why?

What, where, why?

Ada Twist, Scientist.

What this theory is all about.

An educated guess,

But will it stand up to our test?

Yes, that's what a hypothesis is.

I've got a hypothesis. I've got a hypothesis.

I've got a hypothesis. I've got a hypothesis.

Does that observation mean this explanation? Let's find out how right it is. Right or wrong, let's find out what the answer (Find out what the answer is)

is. Let's find out how right it is.

(Find out what the answer is)

I might not be right but we're gonna find out Let's find out how right it is.

9) My Heart

My heart is a muscle that's pumpin' blood,

Pumpin' blood, pumpin' blood.

My heart is a muscle that's pumpin' blood

To make my body healthy.

Capillaries connect veins and arteries They all carry blood through my body.

My heart pumps blood through blood vessels

All through my body.

Blood circulates in a circle, you see,

All around my entire body.

Exercise helps my heart stay strong

And if you're eating right, you can't go

wrong.

My blood contains so many things, So many things, so many things,

My blood contains so many things

That my body needs.

Now just make sure that you never smoke.

It's bad for your heart, and that's no joke.

My heart is a muscle that's pumpin' blood

To make my body healthy.

Red blood cells carry oxygen. Platelets help a boo-boo mend.

White blood cells help fight disease.

Plasma carries vitamins from food you eat.

My heart pumps blood through blood vessels, All of these blood cells

Blood vessels, blood vessels,

My heart pumps blood through blood vessels

All through my body.

Travel through my blood vessels

My blood contains so many things

That my body needs.

Arteries go away from my heart

And take oxygen to each body part.

Veins carry blood back again

So they can get more oxygen.

My heart is a muscle that's pumpin blood,

Pumpin' blood, pumpin' blood,

My heart is a muscle that's pumpin blood

To make my body healthy!

10) Wash your hands with Rufus

Wash, wash, wash your hands, Thumbs and fingers too, Rinse and then make sure they're dry, That's the thing to do!

11) Planets Song

There are eight planets in our solar system We revolve around the Sun Join us to learn about the different planets Now sing along and have some fun.

My name is Mercury
I'm the second hottest planet
The closest one to the Sun
A year on my surface is 88 days
I'm the smallest but I'm lots of fun.

My name is Venus
I'm the hottest planet
But the second planet from the Sun
I'm the brightest planet in our solar system
And I'm too hot for any one.

My name is Earth
I'm the planet you live on
The third planet from the Sun
I'm the only planet with organic life
So take care of me 'cause we're all one.

My name is Mars
I am red in colour
I'm the fourth planet from the Sun
I have the highest mountain in our solar system
A volcano named Olympus Mons.

There are eight planets in our solar system We revolve around the Sun Join us to learn about the different planets Now sing along and have some fun.

My name is Jupiter, I am covered in clouds I'm the fifth planet from the Sun
My giant red spot is a raging storm
As for size, I'm the biggest one.

My name is Saturn, I am brown in colour I'm the sixth planet from the Sun My outer rings are extremely thin They're made of dust and icy chunks.

My name's Uranus, I am blue in colour I'm the seventh planet from the Sun Humans have named me the icy planet Because I am the coldest one.

My name is Neptune, I am blue in colour I'm the eighth planet from the Sun I have too many storms in my atmosphere And I'm the furthest planet from the Sun.

There are eight planets in our solar system We revolve around the Sun Join us to learn about the different planets Now sing along and have some fun.

12) The Dinosaurs Song

They used to walk. They used to swim They used to fly with a toothy grin Some ate plants and some ate meat Some walked around on just two feet.

[Chorus]

Oh, the dinosaurs! Big as trees!

Dinosaurs! Brains like peas!

Jaws and claws and teeth and bone...

That used to growl, groan, and moan.

Some had feathers. Some had scales
Spikes, clubs, and whip-like tails
They fought like dragons. The earth sure shook
The volcanoes sizzled and the lava cooked.

[Chorus]

Tyrannosaurus Rex was a terrible king The Stegosaurus' tail could really swing Brachiosaurus liked to stomp Trachodon would chew and chomp.

[Chorus]

They roamed the earth, a hundred million years...
Without worries, cares, or fears
Then one day they hit the soil...
Now they're fossils, gas, and oil!

[Chorus]

13) Why Does the Sun Shine?

The Sun is mass of incandescent gas, a gigantic nuclear furnace

Where hydrogen is built into helium at a temperature of millions of degrees

Yo ho it's hot, the Sun is not a place where we could live

But here on earth there'd be no life without the light it gives.

We need its light, we need its heat, we need its energy

Without the Sun, without a doubt, there'd be no you and me

The Sun is mass of incandescent gas, a gigantic nuclear furnace

Where hydrogen is built into helium at a temperature of millions of degrees.

The Sun is hot

It is so hot that everything on it is a gas Iron, copper, aluminum and many others

The Sun is large

If the Sun were hollow, a million earths could fit inside

And yet the Sun is still only a middle-sized

star.

The Sun is far away

About 93,000,000 miles away, and that's why

it looks so small

And even when it's out of sight, the Sun

shines night and day.

The Sun gives heat, the Sun gives light, the Sunlight that we see

The Sunlight comes from our own Sun's atomic energy.

Scientists have found that the Sun is a huge atom-smashing machine

The heat and light of the Sun come from the nuclear reactions

Of hydrogen, carbon, nitrogen and helium.

The Sun is mass of incandescent gas, a gigantic nuclear furnace

Where hydrogen is built into helium at a temperature of millions of degrees.

14) Computer Bug

I was using the computer
Tried to make my own game.
I was using the computer
But it didn't work.

The computer got confused
A bug was messing with the code.
The computer got confused
And didn't know what to do.

When there is a bug in the code
It means that something isn't right.
When there is a bug in the code
It could be something I misspelled.

So this is what we do
When we find out what is wrong.
We debug the code

And fix up all the mistakes.

We will keep on trying
Till everything just works.
Then we can play the game
How it was meant to be played.

I am using the computer Now I made my own game. I am using the computer And it's working great. Again.

15) We the Digital Citizens

We, the Digital Citizens
With our hands up in the air.

Pledge to travel safely

When we click from here to there.

If you want to see the world You don't always need a plane. A giant yellow school bus

Or a noisy train.

You just need the internet And something with a screen. To see a different country Or a pretty ocean scene.

If you've never seen a sloth
Or a pic of Auntie Sue.
Just go online and check them out
Remember what to do.

Always ask a grown-up
Before you go online.
It's good to set a limit
And keep track of your time.

Keep your info private Like your name and your address. And always find a grown-up If you're scared or you're stressed.

If you want to see the world You don't always need a plane. A giant yellow school bus Or a noisy train.

You just need the internet And something with a screen. To play an awesome puzzle game Or watch a soccer team!

So go online and check them out remember what to do, to do, to do, to do.

Always pause and think When visiting a site. Only talk to friends you know And never start a fight.

It's fun to have a screen,
To laugh and play with friends.
But if it's nice, go outside
And find the rainbow's end!

If you want to see the world You don't always need a plane. A giant yellow school bus Or a noisy train.

You just need the internet
And something with a screen.
To be a part of something GREAT!
Whatever you can DREAM!

Remember that you took this pledge
To be your BEST online.
So stick with the Dig Citizens
And together you will shine!

16) Media Balance Is Important

Balance is important, Balance is important, For me and you and you. For me and you and you.

Balance helps us stand up straight, Your Heart, your Head, your Arms and your

Legs, And keeps us in our shoes.

Need that balance, too.

But sometimes with technology,

Too much of something, Balancing's hard to do. Can make you mad or blue. Yes, balance is important,

So trust your Guts, get on your Feet, For me and you and you. There's so much that you can do!

So gather 'round to hear our song

When you...Ask before you take a phone, You'll learn these words are true.

Invite a friend if they're all alone.

It makes your whole self-happy

Stick to sites you know online, When you...Look up from your screen, when

a friend says hi.

Go outside when the weather is fine.

Share your game if they want to try, Play outside when the sun is bright,

Devices go off when you say goodnight. When you're balancing just right

It makes your whole self-happy Media balance isn't easy,

When you're balancing just right. We know that this is true. Just think about this balance song,

It will help you through.

17) Googly Eyes

Switch on your computer Because no one has the right, you see,

Password, please. To make you feel sad.

Shhh shhh shhh

My password is just for me. So have fun, Learn lots.

Remember to be wise. Log on to the internet,

Be careful where you go.

If you see something bad.

Communicating with your friends, Now stop, But only those you know. Switch off.

So you don't get googy- googly eyes.

Now always tell an adult, х2

18) The Technology Song for Kids

T-E-C-H-N-O-L-O-G-Y,

technology, technology!

Technology!

CD's, DVD's and mobile phones.

Oh technology.

Computers and laptops in every home.

Oh technology.

It's in your school, it's in your street.

It's over your head, it's under your feet.

Oh technology.

There's no doubt about it.

We can't live without it.

Oh technology.

My grandma could live without it,

But I can't live without it.

Oh technology.

You have to be smart,

All you boys and girls.

Oh technology.

You have to be smart,

It's a digital world.

Oh technology.

Everywhere you go,

Everything you see.

It's all around you,

It's all around me.

Oh technology.

T-E-C-H-N-O-L-O-G-Y, technology!

T-E-C-H-N-O-L-O-G-Y, technology!

Technology!

19) The Engineer Song

Is there a problem that needs fixing? Is there something to improve? What works? And what's missing? Is there something we can do? Some of us would just let it go.

But if you like to create, like to explore, Like to make things better than before, Build, develop, and design, Solve problems and apply. The things you like could be your career You might be an engineer.

When you see an airplane in the sky, or a windmill spin

Or take a ride on a roller coaster that you're brave enough to get in.

When you use a prosthetic leg or ride a train down the track,

Odds are a mechanical engineer was helping with that.

From tall traffic lights that signal when to safely go,

To tiny microchips transmitting signals to a mobile phone.

From self-driving cars to toys that talk or move about,

An electrical engineer is sure to figure it out.

Canals, bridges, sewage, dams, and roads, We build towers with steel beams to take a heavy load.

We make water safe, so you can use it for years

Leave it up to civil engineers!

Software engineers write code to tell computers what to do

We design apps and video games, and play them, too.

We make homes smarter, to help you throughout the day

We guide robots, cars, and rockets safely on their way.

Chemical engineers produce, recycle, and reuse,

We stir, mix, and separate in medicines and food.

We develop new sources of fuel to keep our carbon footprint low

And some of us make fireworks explode!

What do you love? Opportunities abound There's an engineer for every industry around: Aerospace, geological, audio, bioengineering, biomedical, structural, robotic, agricultural, environmental, automotive, nuclear, materials,

manufacturing, marine, computer, energy, Engineering's in everything you could ever see.

If you like to create, like to explore,
Like to make things better than before,
Build, develop, and design,
Solve problems and apply.
The things you like could be your career
You might be an engineer,
You might be an engineer.

20) London Bridge is Falling Down

London Bridge is falling down, Falling down, falling down. London Bridge is falling down, My fair lady.

Build it up with sticks and stones. Sticks and stones, sticks and stones. Build it up with sticks and stones. My fair Lady.

Sticks and stones, will all fall down, All fall down, all fall down Sticks and stones, will all fall down, My fair Lady.

Build it up with wood and clay, Wood and clay, wood and clay, Build it up with wood and clay, My fair Lady.

Wood and clay will wash away, Wash away, wash away, Wood and clay will wash away, My fair Lady. Build it up with iron and steel, Iron and steel, iron and steel, Build it up with iron and steel, My fair Lady.

Iron and steel will bend and bow, Bend and bow, bend and bow, Iron and steel will bend and bow, My fair Lady.

Build it up with bricks of shaw bricks of shaw, bricks of shaw Build it up with bricks of shaw My fair Lady.

It will stand for ever more, ever more, ever more, It will stand for ever more, My fair Lady.

21) Electric Car

Electric car

On roads so dark

To change the end Rewrite the start Electric car

So good, so far

Electric car

On verdant green

Invent a turn Invent a dream

Electric car

The new machine

Let's take a ride in an electric car

To the West Side in an electric car

How can you deny an electric car? Won't you take a ride with me?

Come on and take a ride with me

Electric car

Beside the tree

Way past the dock

Way past the sea

Electric car

Roll silently

Electric car

On roads so dark

To change the end

Rewrite the start

Electric car

So good, so far

Let's take a ride in an electric car

To the West Side in an electric car

How can you deny an electric car

Won't you take a ride with me

Come on and take a ride with me

No diesel, steam, or gasoline

Let's take a ride in an electric car

Happiness resides in an electric car

You can even drive an electric car

Won't you take a ride with me?

Come on and take a ride with me?

Let's take a ride in an electric car

To the West Side in an electric car

How can you deny an electric car?

Won't you take a ride with me?

Come on and take a ride with me

22) We Call It Art Song!

Come on, let's paint with some colours.
Start with yellow, red, and blue.

Mix them together to get purple, green, and orange too.

We put the paint.
On the brush.
And we swirl it all around.
We swirl it all around
on the canvas.

We call it art.
Oh, oh, oh, oh,
we call it art.
Yeah. We call it art.
Oh, oh, oh, oh,
we call it art.
We call it art.

So many things that we can draw lines, dots, stripes, and shapes.

Let's use chalk, pencils, Markers and crayons to brighten up the page.

All these colours.
To choose from.
Like turquoise, and magenta,
lime green, and sienna.

It's time to sketch.

We call it art.

Oh, oh, oh, oh,
we call it art.

Yeah. We call it art.

Oh, oh, oh, oh,
we call it art.

We call it art.

23) The Artist Song!

Go get a crayon When I sing this song. Maybe you can sing And draw along.

If you can't find a crayon Anything will do. If you wanna have fun, Try drawing with two.

When you make art Like using your voice. No matter what you do There is no wrong choice.

Pencil, crayon, chalk Pick them up. Learn to draw a tree, Kitty or a truck.

Make your drawings messy, Or you can make them clean. No matter how they look, Hang them up to be seen.

When you make art, It's like using your voice. No matter what you do, There is no wrong choice.

You're a perfect artist Whatever you do.

Stanton just made a six-legged poodle. Lindy drew a boat, Floating in the sky. Davey likes to draw As much as he loves apple pie.

When you make art, It's like using your voice. No matter what you do, There is no wrong choice. Go crab a paint brush When I sing this song. Maybe you can paint And sing along.

If you can't find a paint brush, That's okay. Bitsy used her fingers The same way.

When you make art, It's like using your voice. No matter what you do, There is no wrong choice.

Pencil, crayon, chalk Anything will do. Learn to draw a tree, Kitty or a shoe.

Make your drawings messy, Or you can make them clean. No matter how they look, Hang them up to be seen.

When you make art, It's like using your voice. No matter what you do, There is no wrong choice.

You're a perfect artist, However you do.

Stanton just made a six-legged poodle. Lindy drew a boat,

Floating in the sky.
Davey likes to draw

As much as he loves apple pie.

When you make art, It's like using your voice. No matter what you do, There is no wrong choice.

24) If You can Dream It

CHORUS [CHORUS]

If you can dream it

You can do it.

You can paint it

You can sing it.

You can sing it.

You can sing it.

×2 ×2

VERSE 1

You can act it on stage VERSE 2

Or in a Hollywood part.

You can inspire the whole wide world

With your art.

Let's write a poem,

About amazing things.

About swimming the seas

And sailing the breeze. Let's paint a mountain

Then let's climb it high.

Let's sew a costume

Like a dinosaur in clothes.

Where the mountain meets the sky. And then let's 'roar' like a dragon

With a fire in his nose.

Let's dance for the heavens Let's dance for the heavens

Like a butterfly.

Then let's make some wings

Then let's make some wings

And soar down the mountainside And soar down the mountainside.

25) Work On Our Fitness

Here we go Like it's our business (\times 2)

Out on the dance floor

Let's move and sing

Turn to the left

With all of our friends and...

Turn to the right

Take a step back

Work, work Work on our fitness Put your hands up high (x 2)

Work, work Like it's our business (x 2)

Turn to the left

Shake, shake

Like a leaf on a tree

Turn to the right Shake, shake

Take a step back

Like a bumblebee

Put your hands up high (x 2)

Shake, shake

Like a bird in the sky

Shake, shake
Shake

Like a leaf on a tree Let's exercise

Shake, shake Dance, dance
Like a bumblebee Move, move
Shake, shake Shake, shake

Like a bird in the sky Play, play (\times 2)

Shake, shake
Let's exercise

Here we go

Out on the dance floor

Here we go

Let's move and sing

Out on the dance floor With all of our friends and...

Let's move and sing

With all of our friends and... Work, work

Work on our fitness

Work, work Work, work

Work on our fitness Like it's our business (\times 2)

Work, work

26) Let's Star Jump!

Let's star jump, let's star jump! × 3 To this song. Jump forward, jump back now \times 3 To this song. And shuffle, shuffle, shuffle your feet, shuffle, shuffle, shuffle your feet... Jump left and jump right now \times 3 Let's star jump, let's star jump \times 3 repeat shuffle your feet until end.

27) Follow The Leader Dance

The roof, the roof the roof is our fire.

Follow the leader, leader, leader follow the leader. [Repeat: × 4]

Up, down, up, down, everybody up, down, up, Follow the leader, leader follow the down.

And now one hand in the air, and turn from the left to the right.

Left, right [Repeat: × 12]

Follow the leader, leader, leader follow the leader. [Repeat: × 4]

Turn for the left, turn for the right, turn for the left, turn for the right. [Repeat: × 2] Clap, and wait, Clap, and wait [Repeat: × 2]

Follow the leader, leader, leader follow the leader. [Repeat: × 4]

Now repeat after me, you repeat after me. Say I love soca (I love soca)

Say I love soca (I love soca)

Now somebody, anybody, everybody scream.

leader. [Repeat: × 4]

Now we jump on the way, are you ready for jump?

One, two, one two three four.

Jump and wave, jump and wave, jump and wave, jump, jump, jump, [Repeat: × 2] Sing

Follow the leader, leader, leader follow the leader. [Repeat: × 4]

The roof the roof is our fire, we don't need no watherlander, yeah.

Follow the leader, leader, leader follow the leader. [Repeat: × 4]

And scream.

28) Trolls: Can't Stop The Feeling

I got this feeling inside my bones
It goes electric, wavey when I turn it on
All through my city, all through my home
We're flying up, no ceiling, when we're in our zone

I got that sunshine in my pocket
Got that good soul in my feet
I feel that hot blood in my body when it drops, ooh
I can't take my eyes up off it, moving so phenomenally
Room on lock the way we rock it, so don't stop

And under the lights when everything goes
Nowhere to hide when I'm getting you close
When we move, well, you already know
So just imagine, just imagine, just imagine
Nothing I can see but you when you dance, dance, dance
Feeling good, good, creeping up on you
So just dance, dance, dance, come on
All those things I shouldn't do
But you dance, dance, dance
And ain't nobody leaving soon, so keep dancing

I can't stop the feeling
So just dance, dance
I can't stop the feeling
So just dance, dance, come on

Ooh, it's something magical It's in the air, it's in my blood, it's rushing on Don't need no reason, don't need control I fly so high, no ceiling, when I'm in my zone

'Cause I got that sunshine in my pocket
Got that good soul in my feet
I feel that hot blood in my body when it drops, ooh
I can't take my eyes up off it, moving so phenomenally
Room on lock the way we rock it, so don't stop

And under the lights when everything goes Nowhere to hide when I'm getting you close When we move, well, you already know So just imagine, just imagine

Nothing I can see but you when you dance, dance, dance Feeling good, good, creeping up on you So just dance, dance, dance, come on All those things I shouldn't do But you dance, dance, dance And ain't nobody leaving soon, so keep dancing

I can't stop the feeling
So just dance, dance, dance
I can't stop the feeling
So just dance, dance, dance
I can't stop the feeling
So just dance, dance, dance
I can't stop the feeling
So keep dancing, come on

I can't stop the, I can't stop the I can't stop the, I can't stop the I can't stop the feeling

Nothing I can see but you when you dance, dance, dance (I can't stop the feeling)
Feeling good, good, creeping up on you
So just dance, dance, dance, come on
(I can't stop the feeling)
All those things I shouldn't do
But you dance, dance, dance
(I can't stop the feeling)
And ain't nobody leaving soon, so keep dancing

Everybody sing
(I can't stop the feeling)
Got this feeling in my body
(I can't stop the feeling)
Got this feeling in my body
(I can't stop the feeling)
Wanna see you move your body
(I can't stop the feeling)
Got this feeling in my body
Break it down
Got this feeling in my body
Can't stop the feeling
Got this feeling in my body, come on

29) The Musical Instruments Song for Children

Drums, guitar, violin, maracas some are black

Piano, xylophone, flute and trumpet. The xylophone is made with small wooden

planks. Eight musical instruments that are very fun to

The flute has many holes, try and cover them play

all So listen 'cause we'll learn them all today. And the trumpet's sound is very powerful.

The drums can be played with your hands or sticks

Drums, guitar, violin, maracas

The guitar is very popular and the planets Piano, xylophone, flute and trumpet.

love it. Eight musical instruments that are very fun to

The violin has a bow that is used to play

And maracas you can play them as you dance, So listen 'cause we'll learn them all today.

hey!

Once more! Drums, guitar, violin, maracas Drums, guitar, violin, maracas Piano, xylophone, flute and trumpet.

Piano, xylophone, flute and trumpet. Eight musical instruments that are very fun to

Eight musical instruments that are very fun to play

play And now you know them, which one will you

So listen 'cause we'll learn them all today. learn To play.

The piano has many keys, some are white and

30) 1,2,3,4,5 Once I caught a fish alive

One, two, three, four, five. One, two, three, four, five. Once I caught a fish alive. Once I caught a fish alive. Six, seven, eight, nine, ten. Six, seven, eight, nine, ten. Then I let it go again. Then I let it go again.

Why did you let it go? Why did you let it go? Because it bit my finger so. Because it bit my finger so. Which finger did it bite? Which finger did it bite? This little finger on the right. This little finger on the right.

One, two, three, four, five. One, two, three, four, five

31) Sorting

This is a story about a family of bears Orange ones with orange ones

On a picnic without any cares. Another one, too. Just a family of bears

sorting fruits. Oh, they're sorting out a basket of colourful

fruits

Just a family of bears, what a hoot! This is a story about a family of bears

On a picnic without any cares

They put red with the red ones Oh, they're sorting out a basket of colourful

fruits Blue with the blue

Just a family of bears, what a hoot! Green with the green ones

And then a yellow, too. Purple with the

Now, what did they do?

And another one, too They counted up all the fruits

Just a family of bears sorting fruits Two by twos

And what do you know?

This is a story about a family of bears When it's said and done

There's only one. It's a yellow one! On a picnic without any cares

Oh, they're sorting out a basket of colourful

fruits

This is a story about a family of bears Just a family of bears, what a hoot!

On a picnic without any cares

Oh, they're sorting out a basket of colourful

They put black with the black ones fruits

Just two then two Just a family of bears, what a hoot! White with the white ones Just a family of bears, what a hoot! That's just what they do Just a family of bears, what a hoot!

32) Ten In the Bed

There were ten in the bed and the little one said, 'Roll over, roll over.' So they all rolled over and one fell out.

Nine!

There were nine in the bed and the little one said, 'Roll over, roll over.' So they all rolled over and one fell out.

Eight!

There were eight in the bed and the little one said, 'Roll over, roll over.' So they all rolled over and one fell out.

Seven!

There were seven in the bed and the little one said, 'Roll over, roll over.' So they all rolled over and one fell out.

Six!

There were six in the bed and the little one said, 'Roll over, roll over.' So they all rolled over and one fell out.

Five!

There were five in the bed and the little one said, 'Roll over, roll over.' So they all rolled over and one fell out.

Four!

There were four in the bed and the little one said, 'Roll over, roll over.' So they all rolled over and one fell out.

Three!

There were three in the bed and the little one said, 'Roll over, roll over.' So they all rolled over and one fell out.

Two!

There were two in the bed and the little one said, 'Roll over, roll over.' So they both rolled over and one fell out.

One!

There was one in the bed and the little one said, 'I'm lonely...'

33) Where Does Rain Come From?

Why, oh why,

Does the rain come tumbling from the sky? Well, it all starts when the weather's sunny and fair.

When the sun hits the ocean, streams, and lakes.

The heated water evaporates

Going up, up, up

'Cause vapor's lighter than air.

Oh, it's in the air I do declare.

And it's true that you can't see now But soon you'll know is there.

'Cause way up high where it's not so warm, When the vapour cools, little droplets form.

That my friends is condensation,

And that leads to cloud formation.

(We're gonna get precipitation).

My, oh my,

Now a big dark cloud comes drifting by With all those tiny droplets it can contain. They get so heavy all squished together So down they come bringing wet wet weather.

Umbrellas go up 'cause down goes the pouring rain

Umbrellas go in the pouring rain.

34) Outer Space

- A Beautiful, Beautiful World (Earth)

Such a beautiful... such a beautiful... such a beautiful... Beautiful world.

I'm the Earth, and for what it's worth 25 thousand miles is my girth. I've got more than 7 billion people living on me All across my amazing geography.

Check out my mountains, valleys, trees so tall And I've got lakes, rivers and waterfalls. Volcanoes, craters, swamps with alligators Tropical islands at my equator.

The North and South Poles have lots of ice Only polar bears say, 'This weather's nice!' I've got so much land, yeah, I'm so immense. I've got 7, 7 different continents: North and South America, Europe, Asia Africa, Antarctica, and Australia.

But the biggest thing,
Everybody can see
Is that I gotta lotta water, all over me!
I have oceans with lobsters, whales, otters
Three quarters of me is covered in water.

I orbit the Sun – ('I'm so hot') – that's his line And the moon orbits me – ('It's my time to shine'). I'm filled with life, both big and small The most beautiful planet of all.

Such a beautiful... such a beautiful... such a beautiful... beautiful world.

- I'm a Star

StoryBot: Do you see anything? The stars are out tonight... I'm a star, I'm a star, I'm a star, I'm a star I'm a big, big star!

I'm a star from afar, Yes you are. So am I. We are balls of hot gas that shine in the sky. There are trillions and trillions of us.

That's a lot!

Even the Sun is a star ('I'm so hot').

There are lots of other stars

Like him, And me, And me!

And a bunch of us together form a galaxy.

There's billions of galaxies,

Lots of stars! Understand?

There's more stars in space than all of Earth's grains of sand. And from land, with your eye to the night sky display, You can see the Earth's galaxy – The Milky Way.

Stars are different sizes

And we can morph.

There are super giants – Giants.

Main sequence and dwarfs.

And we form constellations

Which are patterns of stars

Before GPS, that's how you'd know where you are.

We're the Big Dipper
We're the Belt of Orion.
We're the Gemini Twins
We're Leo the Lion (Rawwrr)
People think we twinkle

But that's not true.

The light's just playing tricks when it shines on you.

And shooting stars aren't stars

No they're not.

They're meteors burning up when they get too hot.

Wish upon a star, it might come true,

Well, I hope

Look up tonight in the sky or look through a telescope.

I'm a star, I'm a star, I'm a star, I'm a star, I'm a star. I'm a big, big star!

There are lots and lots of stars.
That's true, there really are.
I made a wish. What was it?
I'm not telling.

- I'm so Hot (Sun)

I'm so hot, I'm so hot, Check me out, check me out, I'm hot.

Yo, Everyone, I'm the Sun.
I'm made of gas like Hydrogen and Helium.
I keep the Earth warm and help to grow food.
I shine down on the beach on guys who say 'Dude'.
I set into the West and on comes night
And then I rise from the East with that golden light.
I'm so hot – so hot – so hot and bright
28 million degrees.
Fahrenheit!

I make plants grow, like trees and flowers, so powerful, got that solar power.

Make the desert dry, make the oceans rise,
Don't stare right at me I can hurt your eyes!
I'm just about a million miles wide,
I'm so big, you could fit a million Earths inside.
I'm the centre of the solar system, can't ya see.
Got so much gravity, planets orbit me!

I'm four-and-a-half billion years old.
In Spanish, everybody calls me Sol.
When I'm not around you'll be feeling cold,
Yeah, I shine so bright with my rays of gold.

I'm so hot! So hot! I'm so hot! So hot! Ow! He's right. He's really hot!

Come on Storybots, show me what you got How hot am I? So hot!

The Sun is so hot I have to wear these. Now I'm cool. So cool.

- Time to Shine (Moon)

It's my time to shine, It's my time to shine. The day's over now, So it's my time to shine.

Good evening, it's the moon
Here to regale you with a tune.
I'm so bright up in the sky at night
But the truth is I'm just reflecting light.

See let me help you break it down
The Earth and I are spinning around,
And I orbit the Earth in a loop,
'You see, the moon is kinda like my hula hoop'
We both orbit the un; he's the big shot.
'I'm the centre of the solar system, I'm so hot'.

The sun's like a lightbulb and I'm like a mirror, Light bounces off me and then it appears to the Earth below for a lovely view. For animals like wolves who go 'Awhoooooo!'

Sometimes I'm full, sometimes half on Sometimes I'm crescent, or it looks like I'm gone. But I'm here in the dark, just a lonely moon, Hoping that somebody will visit me soon. I'm covered in dust and I'm made of rock So come see me soon and go on a moonwalk.

It's my time to shine It's my time to shine

Both at day, And at night. We can see the moon shine

It's my time to shine It's my time to shine

I'm planting this flag on the mountain I climbed. One small step for a StoryBot.

One giant leap for Storybotkind.

- We Are the Planets

We are the planets of the Solar System
Different sizes for everyone.
The music never ends,
We are such good friends,
And we all orbit the Sun.

Here comes the Sun rapping first on this track, from the beginning. I'm the centre of the solar system, planets be spinning around me, so hot, I'm roasting, ya see?

Now I pass the mic to the planet closest to me.

Mercury! The smallest planet, small as Earth's moon ('Yo!') I get super hot and cold and I spin very slow.

I'm Venus! I've got mountains and volcanoes that spray. I'm the same size as Earth but spin the opposite way.

Yeah, I'm Earth, I'm the home to every boy and girl. Such a beautiful, beautiful world.

I'm Mars, the red planet, I've got deserts and ice.

And I've got two moons – nice – that's like one moon, twice!

I'm Jupiter, the biggest planet, I'm humungous, gargantuan. I spin the fastest, rap the fastest, plus I'm handsome, BAM SON!

Oh please, I'm Saturn, check out my beautiful rings, Made up of billions of rocks, dust, and other things.

I'm Uranus, I say that with pride, okay, I lied, I'm embarrassed 'cause I'm the only planet lying on its side.

I'm Neptune, I'm cold, dark, windy and mysterious, I'm very stormy, so bring an umbrella – I'm serious.

We're the planets in the Solar System

Different sizes for everyone.
The music never ends,
We are such good friends,
And we all orbit the Sun.

35) How Are Planets Made?

When giant clouds of dust and gas collapse A star is born.

And from the leftover bits of dust and gas New planets often form.

It starts with the force of gravity,
Which pulls objects together.
That's what causes clouds of dust and gas to cave in.

And a crash as big as those ones are, They make so much heat, that it forms a star, And that's when a planet's story begins.

Because the new star is surrounded By leftover dust and gas around it. And those little bits, they bump And sometimes, stick to form a clump.

First, it's called a planetesimal

And if it keeps on growing, then you call it a protoplanet. Which as the name implies – is almost planet-size.

And when it gets so big, that its own gravity rounds it out. And it's cleared a path around The star we just sung about. There's one more planet in the sky.

Giant clouds of dust and gas collapse,
A star is born.
And from the leftover bits of dust and gas
New planets often form.
When giant clouds of dust and gas collapse
A star is born.
And from the leftover bits of dust of gas
New planets often form.

36) How Do Cell Phones Work?

When you talk into a phone
Each time you make a call.
The sound changes to many forms
(Like radio waves) and that's not all.

Then at the other phone, those changes get reversed.
So it comes out through the other phone as the sound it was at first.

When you talk, your voice makes waves of air
That moves a magnet in the phone
somewhere,
Causing changes to an electrical current.
And when that current makes it down
The wire through which it runs,
A microprocessor tracks those changes
as zeroes and ones.

Which promptly leave your phone behind Takin' off as radio waves
That find their way
To the nearby cell towers around.

From there it's off to a switching station Which, this is wild –
Sends those waves to the one exact individual phone you dialled.

And once they reach the other phone
The process goes the other way around.
From radio waves to zeroes and ones
To electrical signals (not yet sound).

Those signals move a magnet
Which moves a speaker cone.
Creating sound that's just the same
As what was spoken in the other person's phone.
When you talk into a phone

phone.
When you talk into a phone
Each time you make a call.
The sound changes to many forms
Like radio waves, and that's not all.
Then at the other phone those
Changes get reversed.
So it come out through the other phone which the sound it was at first.

37) The Gravity Song

Spinning all around us in the universe Is what scientists call space-time.

Matter is the stuff that makes up everything From a star, our planet, to a lemon or a lime, so

When there's matter, it bends space-time

Which is curious as can be,

And that bending action is the cause of

attraction

That we now know is gravity.

The more the bend it makes in space-time. So, the bigger the bend, the stronger the pull

On other things around.

It's how the mass of a great big planet
Pulls smaller things down to the ground.
It's how the moon keeps spinning so close to

the earth

While the earth spins happily.

Around the sun with its super humongous

mass

Creating powerful gravity.

Now, mass is a word for the amount of matter That's the force of gravity.

In anything you'll ever find.

And the greater the mass every object has

That's the force of gravity. That's the force of gravity.

That's the force of gravity.

38) How Do Eyes See?

The story of sight begins with light

Bouncing off an object.

Entering the eye and makin' its way on

through.

First, it's focused, then rearranged

Into electrical signals that reach the brain and

Voila! Sit back and enjoy the view.

Then the light hits the retina which is lined with zones of

Which is lined with zones of special cells

And exactly how it bends depends,

are you lookin' near or far?

Called rods and cones.

joy the view. And when the light hits those,

it gets transformed into signals

That go climb aboard your little optic nerve

Which sends 'em toward the brain

Which does the rest.

The first layer that it's greeted by is the cornea.

When light from an object meets your eye,

Which protects the eyes and focuses the light. Then it passes through the pupil,

All surrounded by this ring of colour called

the iris.

It controls the pupil size,

So the right amount of light goes in the eyes.

And then hits the lens,

Which is sort of like a window,

except it bends.

The story of sight begins with light

Bouncing off an object.

Entering the eye and makin' its way on

through.

First, it's focused and then rearranged

Into electrical signals that reach the brain

and then, voila,

sit back and enjoy the view.

39) Professions

Architect

When there's an office or a house to build,
An architect is highly skilled.
At designing a building, whether curvy or square,
And drawing up a blueprint showing what goes where.

For any kind of building like a school or a mall,
Or something really fancy like a symphony hall,
Or a big apartment tower that's a thousand feet tall,
The architect makes up the plans.
The architect makes up the plans!

Now buildings come in every kind,
And each one needs its own design.
So a supermarket's boxy while a stadium's round,
And they must be strong and sturdy so they won't fall down.

A good imagination is an architect's guide.

A building might have columns or a fountain inside!

And when it's done, the architect is bursting with pride,
The architect makes up the plans.

The architect makes up the plans!

- Software engineer

Computers are amazing!
We use 'em every day.
They're packed with apps like puzzles, maps,
And lots of awesome games to play!

A coder is the one who makes
The apps that we download,
And it's done by typing lines and lines
Of sweet computer code!

The code's a special language
With words and symbols too
For talking to computers
And telling them just what to do,
Like show a flying T-Rex
Or a singing purple toad.

That dancing bear is only there 'Cause someone wrote the code!

Now some folks call a coder
A software engineer,
And a programmer is one more name
For someone in the same career.

A coder might make turtles race
Or asteroids explode.
It's tons of fun when you're the one
Who gets to write the code!
You get to write the code!

- Veterinarian

There's a special kind of doctor Who can treat a cat or dog,
A cockatoo that's got the flu
Or a not-so-jumpy frog.
A well-trained veterinarian,
Most often called a vet,
Has just the skills to cure the ills
Of every kind of pet.

When a dog won't bark and a cat won't purr,
When a bird goes bald or a turtle grows fur,
When a rabbit's got a limp and an earache too,
When a cow goes, 'Cough' when she should go, 'Moo',
When a horse gets hiccups and they just won't stop,
When a fish is all red from a belly flop,
When a gerbil has germs, you can bet that pet's
Gonna get much better when it sees the vet!

Now animals get sick of course,
The same as you and me,
But the vet can make them well again
And frisky as can be.
So when a hard-luck duck has a broken beak,
When a parrot's got a cold, and she just can't speak!
When a mouse gets mumps, you can bet that pet's
Gonna get much better when it sees the vet!
Yes, a pet'll get better when it sees the vet!

- Pilot

When people are taking a trip on a plane,
They need someone there at the wheel.
A pilot has the training and the skills to fly,
So that everyone is safe when they go up in the sky.

The pilot keeps watch on the speed and the fuel And looks out for wind and for rain. In daytime or night-time, whenever it's flight time, The trusty pilot flies the plane!

Now, before every take-off, the pilot must check
To be certain that everything's fine.
The wings and the engines have to work just right
From the moment of the take-off to the end of the flight.

The pilot makes sure that the plane's on its course
To New York or Chicago or Spain.
When your job keeps you soaring,
It never gets boring.
The trusty pilot flies the plane!
Yes, the trusty pilot flies the plane!

- Scientist

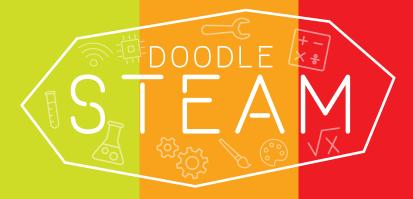
The scientist is searching high and low for amazing and important things to know. Like how does water freeze? Is the moon made out of cheese? Can a turtle jump a hurtle? Does an octopus have knees?

If there's something new to study in the stars, In the error, in the ocean or on land. By observing every clue and experimenting too, The scientist can help us understand.

A scientist will measure, test and weigh,
And discover things we use from day to day.
Our computers and TV – well they just could never be,
If a scientist had not discovered electricity.

With a notebook, a computer and brain, With a microscope or telescope in hand. If there's something to find out, There just isn't any doubt, The scientist can help us understand. The scientist can help us understand. The scientist can help us understand.





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