

MOVE TO LEARN GLOBAL SCHOOL

GRADE PRE-K CURRICULUM – STEAM

Unit 1 – Germs

Real World Connections: Germs spread from one person to another and cause people to get sick.

Art Connection: Make artwork to show people how to use tissues so they don't spread germs.

Science and Math Connections: Stay healthy by washing your hands. Germs have shapes.

Technology and Engineering Connections: Soap and cleaners kill germs. Tissue traps germs.

STEAM Fun Create a hand-washing song that is 20 seconds long.

Unit 2 – Helping Others

Real World Connections: People can give away things they don't use to people who need them.

Art Connection: Make a book to show how your hands can help others.

Science and Math Connections: You can make others happy by helping them. Some people have more things, and some people have less things.

Technology and Engineering Connections: Some people don't have technology to stay clean and healthy. Make a toy for a child who does not have one.

STEAM Fun Make a plan to help people and animals in your community.

Unit 3 – Trees

Real World Connections: when trees are cut down, animals lose their homes.

Art Connection: Make a tree to show who trees help.

Science and Math Connections: Animals need trees. Trees have many shapes and sizes.

Technology and Engineering Connections: people use tools to plant trees. Some people build houses in trees.

STEAM Fun Plant a tree to help Earth.

Unit 4 – Bullies

Real World Connections: There are things you can do to stop a bully and feel safe.

Art Connection: Make masks and friendship bracelets to show how to be super friends.

Science and Math Connections: You can do things to calm down when you are upset. One-to-one correspondence. Each person needs a friend.

Technology and Engineering Connections: Emojis show feeling. Signs communicate information.

STEAM Fun Write a story and do a puppet show to show how bullies can hurt others.

Unit 5 – Sun Safety

Real World Connections: Hats can protect people from the sun's rays.

Art Connection: Make a 'stay safe in the sun' mobile.

Science and Math Connections: Shade protects you from the sun's rays. Count shapes.

Technology and Engineering Connections: Many things protect you from the sun. Make a sun visor.

STEAM Fun Build something to give shade to your toys.

Unit 6 – Bees

Real World Connections: There are fewer bees on Earth than there used to be.

Art Connection: Make a dancing bee to show how bees move to communicate.

Science and Math Connections: Bees help plants grow. There used to be more bees, now there are less.

Technology and Engineering Connections: People make bee nest boxes. Make a paper tube bee.

STEAM Fun Make a bee nest box to help give bees a safe home.

Unit 7 – Trash

Real World Connections: Trash can hurt animals.

Art Connection: Make a sign to remind people where to put trash.

Science and Math Connections: Trash can hurt people, animals, and Earth. Count trash and write how many.

Technology and Engineering Connections: A trash can is a technology. Use recyclable materials to create art.

STEAM Fun Make a model of a robot that can pick up trash.

Unit 8 – More Books

Real World Connections: Reading books can help people in many ways.

Art Connection: Make story puppets.

Science and Math Connections: Paper is made from trees. One-to-one correspondence. Each child needs a book. All children need books..

Technology and Engineering Connections: People can read stories on phones and tablets. Make a pop-up book.

STEAM Fun Make a picture book.

Unit 9 – Healthy Choices

Real World Connections: eating too many sweet foods can make a person feel sick.

Art Connection: Make a fruit and vegetable rainbow placemat.

Science and Math Connections: Food gives people energy. Count fruits and vegetables.

Technology and Engineering Connections: Kitchen tools are a technology. Make a planter to grow vegetables.

STEAM Fun Design a picture on a plate using healthy foods.