

MOVE TO LEARN GLOBAL SCHOOL

GRADE 2 CURRICULUM - STEAM

Unit 1 – Safe Bike Lanes

Real World Connections: Bike lanes can help make roads safer for cyclists and motorists

Art Connection: Make a safety vest

Math and Technology Connection: Number the diagrams, Length, Road symbols and signs

Career Spotlight: Highway Engineers

STEAM Task Design a safe bike lane

Unit 2 – Shoes for All

Real World Connections: Many children cannot access shoes that fit and are in good condition

Art Connection: Design and decorate a design of a shoe

Math and Technology Connection: Word problems, Addition, Subtraction, Shoe Technology

Career Spotlight: Shoe Designers

STEAM Task Decorate an old pair of shoes to make them look new for donation

Unit 3 – Cheer Up

Real World Connections: Social interaction is important for our health and happiness and it is important to stay connected with others even as we get older

Art Connection: Make a picture book

Science and Technology Connections: Memory enhancement strategies. Music and memory. Technology that helps us communicate and interact with others

Career Spotlight: Community Center Leaders

STEAM Task Create a song and dance to perform

Unit 4 – School Supplies

Real World Connections: Some schools do not have basic supplies to help their students learn

Art Connection: Make a fundraiser flyer

Math and Technology Connections: Word problems, Addition, Subtraction, Newer and older classroom techniques

Career Spotlight: Fundraising Jobs

STEAM Task Record a fundraising video

Unit 5 – Working Animals

Real World Connections: All animals that do work for people need proper care

Art Connection: Make a necklace with tassels for a llama

Math and Technology Connection: Weight. Comparing numbers, Animals and technology that help do work

Career Spotlight: Veterinarians

STEAM Task Make a handbook that teaches how to properly take care for working animals

Unit 6 – Bullying

Real World Connections: Bullying others is an unacceptable way to deal with emotions and can cause a lot of pain

Art Connection: Use pictures to express emotions

Science and Engineering Connections: Mindfulness. Designing a quiet place

Career Spotlight: School Counselors

STEAM Task Write and act out a play.

Unit 7 – School Lunches

Real World Connections: Millions of school lunches are served daily in schools around the world and there is an opportunity to offer food from different cultures, which can help us learn about other cultures

Art Connection: Make artwork out of food

Science and Technology Connection: Food groups. Procedure to make a sushi roll

Career Spotlight: Chefs

STEAM Task Design a lunch menu poster with food from different countries.

Unit 8 – Screen Time

Real World Connections: Too much screen time can impact our health negatively by decreasing the amount of time we spend doing other activities that are healthy

Art Connection: Make artwork inspired by Picasso

Science and Math Connection: Different kinds of exercise, Addition, Word problem

Career Spotlight: Board Game Designer

STEAM Task Create a fun original game.

Unit 9 – Emergency Kit

Real World Connections: An emergency kit may help people prepare for unexpected events such as storms, blizzards, earthquakes, etc.

Art Connection: Make a pretend emergency kit to use as a model. Then make a real emergency kit

Math and Engineering Connections: Word problem, bar graph, Solar power

Career Spotlight: First Responders

STEAM Task Make a 3-D poster that shows ways to prepare for a big storm or typhoon