

# --- the learning expressway ---

*A roadmap to discovery for...*

## SECOND GRADE

Although all of our exhibits support Physical and Social development through exploring, sharing, and discovery, several specific core curriculum guidelines are addressed in a variety of our exhibits. Some examples are listed below.



### BANK

**Math** Use the “Stretch Your Budget Game” to fit purchases within a \$10 budget and identify needs versus wants (2.OA) Pretend to work at the bank and improve your money know-how by naming the coins and their values, adding coins together and learning how to make change. Recognize equivalent representations of the same value. (2.MD)

**Social Studies** Use our “Stretch Your Budget” game to compare needs and wants. (Economics) Select our Focused Field Trip: **Imaginomics** to understand the economics of a community. Become a producer and consumer of the goods and services our town has to offer by both working for and spending money in our kid-sized town. (Theme: My Community: Economics)

### CONSTRUCTION ZONE

**Math** Sort our magnetic wooden blocks by shape, size and color. Use measuring tapes, rulers, or other blocks to measure which blocks are the longest, shortest, heaviest or lightest. Use two different blocks to measure the length of the block table. (2.MD.1 – 2)

### GROCERY STORE / DINER

**Math** Use the provided shopping lists to identify how many of each pictured object to put in the shopping cart. Compare amounts of items (how many apples are left in the bin when we take two away?) Add up costs of various purchases (How much will 3 bananas cost?)(2.OA.1-2) Sign up for our Focused field trip **Pizza Party** to introduce fractions using pizzas. (2.G.3)

**Health** Nutrition is top priority in our grocery store and diner. Fill your plate with healthy foods and learn you are what you eat!

### HEALTHY U

**Personal/Consumer Health** Healthy University is currently focusing on teeth and eye care. Use the dinosaur “patients” and their big chompers to practice proper brushing and flossing through role-play. Learn about eye care with our assortment of protective eye-wear.

### LAKES REGION

**Health** Use our glimpse into a New Hampshire habitat to discuss living and nonliving things and how humans can affect the environment positively and negatively. Discuss environmentally safe ways to discard waste and how our trash affects the environment and the animals that live there. (Comm/Enviro Health). Sign up for **Tricky Tracks** focused field trip.

## **PARK**

**Social Studies** Follow our road through town paying special attention to the street signs and what they mean. Using our stop and go signs, experiment with what happens when citizens follow the signs and rules versus when they do not. (Civics and Government)

## **POST OFFICE**

**Math** Sort letters by stamp/address into the post office sorter and analyze. Who has the most mail? Who has no mail? Then have fun delivering around the town. Sort our collection of postcards by picture, place, color, country. How many postcards have animals? How many show a building etc... (2.MD.9)

**Social Studies** Work on understanding maps in our cheery post office. Find postcards from around the United States and the World from real people and places then match them to the maps on the wall. Find North America and New Hampshire. (Geography)

## **PUPPET THEATER**

**Literature / Speaking Listening** Use our variety of puppets to tell a story. Set the scene, explain the characters and develop a plot. Take turns speaking and listening while you tell a story with other children.

## **RADIO STATION**

**Science** Cover essential weather topics and vocabulary at our radio station where students become a meteorologist and report the weather over the radio. Observe and record today's weather using visual clues and a thermometer. (2.MD)

## **TEXTILE TOWN**

**Math** Use the bolts of fabric to measure how many yards of fabric each hold. Compare lengths of bolts to each other to determine which are the longest/shortest. (2.MD.1-4)

Our quilt wall allows endless patterning and shape opportunities. Identify the various shapes of quilt squares. Use the provided tangram templates to use simple shapes to form larger shapes with certain attributes and angles. (2.G.1) Partition a rectangle into rows and columns and count to find the total. (2.G.2)

## **WHITE MOUNTAINS REGION (COG RAILWAY TRAIN DEPOT)**

**Math** Use the train schedule and analog clock to understand time. How long do we need to wait for the train to Albany? (2.MD.7) Compare distances to various New England capitals. Which two capitals are the same distances from Keene, NH? Which capital is closest? (2.MD.9)