

--- the learning expressway ---

A roadmap to discovery for...

FIRST 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 (1.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. (1.MD)

Social Studies Use our “Stretch Your Budget” game to compare needs and wants. (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. Place in order by length. (1.MD.1 – 2)

Science Use our paint display to understand the colors in a rainbow and what happens when primary colors are mixed. (1.PS-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?) (1.OA)

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. Explore the different protection available to keep eyes safe. Focus on using your ears with our sound match-up game.

LAKES REGION

Science Use our glimpse into a New Hampshire habitat to discuss living and nonliving things. Identify and group the animals represented in our “woods” and “lake”, discuss their habitats and what they need to live. Identify body structures and their functions. (LS-1) Why do certain animals need to live in certain areas? Show simple food chains/webs. (LS-2) Discuss which

season is represented by the Lakes exhibit. What will change in other seasons and how will it affect the animals that live there? Discuss other animals that lived long ago and are now extinct. Identify the loon as also living during prehistoric times and how it is honored in bird books by always being pictured first. (LS-3) Select our **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. How many postcards have animals? How many show a building etc... (1.MD.4)

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. (1.MD) Play with interactive "Dress for the Weather" magnetic board. Observe and identify what types of clouds are in the sky using our cloud chart. (ESS-1 and ESS-4)

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. (1.MD.1-2)

Our quilt wall allows endless patterning opportunities. Identify the various shapes of quilt squares. Use the provided tangram templates to use simple shapes to form larger shapes (1.G.1-2)

Select our focused field trip **The Button Box** for extra fun with sorting and comparing groups and patterns.

WHITE MOUNTAINS REGION (COG RAILWAY TRAIN DEPOT)

Math Use the train schedule and analog clock to understand time. How long do we wait for the train to Albany? (1.MD.3) Compare distances to various New England capitals. Which two capitals are exactly the same distance from Keene, NH?