

--- the learning expressway ---

A roadmap to discovery for...

THIRD 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 Pretend to work at the bank and improve your money know-how, place value and how to make change. (3.NBT.1)

Social Studies Use our mini town to identify goods and services, producers and consumers. Select our Focused Field Trip: **Imaginomics** to understand the economics of a successful 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: Cities and Towns: Economics)

CONSTRUCTION ZONE

Science Discover that our wooden blocks are magnetic. How is this possible? Observe how they interact with each other and the metal tabletop. (3.PS-2 and 3)

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 by practicing multiplication skills (Each apple is 10 cents, how much will 3 cost?)(3.NBT.3) Sign up for our Focused field trip **Pizza Party** to introduce or reinforce fraction concepts using pizzas. (3.NF)

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.

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 nocturnal animals existing in our habitat. Identify body structures and their functions. (3.LS-1) Why do certain animals need to live in certain areas? Show simple food chains/webs. (3.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 such

as hibernation and migration? (3.LS-3) Sign up for a **Tricky Tracks** focused field trip to learn about common animal tracks of the Northeast.

Health Discuss 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) and (3.LS-5)

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 and country. How many postcards have animals? How many show a building etc... (3.MD.3)

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) Try to solve one of our Postcard Pursuits.

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. (3.ESS-1 and 4)

TEXTILE TOWN

Math Use the bolts of fabric to measure how many yards of fabric each hold or explore our fractional fabric bolts. (3.NF)

Our quilt wall is a beautiful interpretation of the "unit square" and allows endless patterning and shape opportunities. Use the provided tangram templates to use simple shapes to form larger shapes with certain attributes and angles. Partition a rectangle into rows and columns to multiply and count to find the total. (3.G.7)

Social Studies Look at old pictures of the Colony Mill to learn about its role in producing textiles for the region.

WHITE MOUNTAINS REGION (COG RAILWAY TRAIN DEPOT)

Math Use the train schedule and analog clock to solve word problems and further practice time. How long do we need to wait for the train to Albany? Compare distances to various New England capitals. Which two capitals are the same distance from Keene, NH? Which capital is closest? Which is furthest? (3.OA.8) and (3.MD.1)