

Maine Learning Results At A Glance

This is a brief sketch of how all subject areas can be connected to the learning results by using the Cole Land Transportation Museum

Learning Results	Activities (Grade Pre-K - 2)
Career Preparation	Identify your favorite exhibit in the museum and connect it to a job. Working in teams, identify career opportunities as you view the many exhibits. Explore reasons why people work. Brainstorm possible questions to ask your tour guide or guest speakers who represent different careers. Identify examples of technology being applied at the museum. Role play one of the careers seen in the museum.
English Language Arts	Listen to the story read in the “caboose” and share parts of the story to demonstrate understanding of the story and why it was read in the “caboose”. Distinguish between fiction and non-fiction by using the story read. Try to read the many captions on the exhibits using a variety of strategies. Ask questions of the tour guide. Do the Alphabet Search, Word Scramble, Search-A-Word Puzzle, and Scavenger Hunt. Observe any visual symbols used in the museum. Tell about your experience at the museum. Dictate or write a story about something at the museum. Develop a search strategy on how to find available resources. Gather any brochures for use when return to your school.
Health and Physical Education	Using any art medium, students make visuals showing the health exhibit at the museum. Discuss why health techniques i.e. proper washing hands are important even though they are not in the classroom. Link specific tasks to specific health care providers (doctor, dentist, nurse) – (activity sheet). Demonstrate control in museum – walking, listening, touching only when can. Phys Ed: Use the covered bridge to show different activities one can do at the museum. Ring the bell to show the strength needed. Demonstrate taking turns ringing the bell, looking at the exhibits, staying in line as one goes through the truck, train, or sits in the automobile.
Math	Count the number of wheels on one of the trucks. Compare the amount of truck wheels with car wheels, with tractor wheels. Find examples of money at the museum, such as the cost of sale items. Measure one of the bricks on the floor. Are they all the same size?
Modern and Classical Languages	Introduce self to the tour guide. Follow directions of your teacher and guide. Watch a video and demonstrate the main idea. Identify the unique products of another culture such as toys, crafts. Identify similarities and differences between dress and artifacts in the museum.
Science And Technology	Design and describe a classification system for objects in the museum. Describe some physical properties of objects. Take apart and reassemble a toy truck or Lincoln Log structure. Identify products which were invented to solve a problem. Observe the many displays. Explain how their lives would be different without specific inventions. Describe two inventions, what they do, how they work, and how they have made life easier.
Social Studies	Observe the time line at the museum and discuss it. Participate in the process of making museum rules before arriving at the site. Distinguish similarities and differences among historical events. Observe the memorials inside and outside the museum. Demonstrate an understanding of the similarities between families now and in the past.
Visual and Performing Arts	Draw an exhibit. Do a dot-to-dot, finding the hidden picture. Make a collage’ showing the exhibits you liked. Explain likes and dislikes of art, music, or video that you saw. Color a picture from the museum coloring book.

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Learning Results	Activities (Grade 3 & 4)
Career Preparation	Select one of the careers at the museum and role-play why people do this work and how it benefits others. “Demonstrate an understanding of the connections between locally generated products and services and the efforts required to create them.” Use the museum resources to help you learn more about a career of your choice. “Demonstrate an understanding of the importance of conservation of resources.”
English Language Arts	Write about your experience at the museum. Chose an exhibit and write about it. Research further an exhibit you liked. Use a variety of strategies to read the captions on the exhibits. Observe the use of symbols, time lines, and language used at the museum. Keep a journal of all the things seen. Do the Alphabet Search, Word Scramble, Search-A-Word Puzzle, and Scavenger Hunt.
Health and Physical Education	Identify the exhibit that promotes health. When viewing the nursing exhibit, list 3 things that should be included on a medicine label. Describe ways to be a responsible participant at the museum. Physical Education: Utilize safety principles during the many activities. Enjoy the surroundings outside as well as inside. Hula Hoop, jump rope, or make up a game to do outside.
Math	Show how math was and is used at the museum. Predict how many exhibits are in a particular row and then count them. Measure the floor bricks after predicting the size. Observe the use of shapes in the museum. Make a graph or chart showing how the exhibits are displayed or choose one exhibit and show how to get to that exhibit.
Modern and Classical Languages	Demonstrate the understanding of following directions while at the museum. Check to see if language has changed over the years by viewing the labels of the exhibits. Identify how toys, dress, and crafts reflect life in the early years.
Science And Technology	Describe how the exhibits have been classified. Explain how adaptations, in response to change over time, increase the chance of survival. Observe the many exhibits as to how they were made and how used. Ask questions of your tour guide to better understand a piece of machinery. Check out the simple machines displayed and how they were and are used. See how technology was and is used. How is the tractor hooked up to make the noise?
Social Studies	Identify exhibits showing examples of how United States interacted with other countries. Check out the time line of events and share your surprises. Looking at photographs, make a note of the changes seen. Speculate how their lives would have been if they lived back in the earlier eras. Explain how the economy affected people.
Visual and Performing Arts	Draw an exhibit. Role play showing work in the past. View a video and share. View all the exhibits. Identify the artists of the paintings and artifacts on display. Demonstrate an understanding of how the senses are used in daily life to make choices about purchases. Explain why one choice of public sculpture design is more appropriate for a given site than another. Color a picture from the museum coloring book or design your own picture.

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Learning Results	Activities (Grade 5 - 8)
Career Preparation	Develop a portfolio about career information using video, interviews, or displays at the museum. Design and create a next generation product by choosing a product at the museum and making it better. Create a budget for a class trip to the museum.
English Language Arts	Participate in the “What Freedom Means to Me After Interviewing a Veteran” essay contest. Formulate questions to ask your guide. Reflect on what has been discovered through stories, journal writing, performing plays, skits, and/or speeches. Use the video collection and share knowledge learned. Collect and synthesize data for research topics while at the museum.
Health and Physical Education	Explain the relationship between healthy behaviors and the prevention of injury, illness, and disease as it pertained to the many aspects shown at the museum. (Check out records at the museum for data). Analyze how the environment of the past played a part as it relates to personal health (ask questions of the guides to help you). Analyze the health information, products and services as shown at the museum. Identify resources that can be used while at the museum. Describe safe behavior at the museum. Discuss the historical perspective of health related subjects on display. Phys Ed: Define skill-related fitness needed to carry out the tasks of yesteryear. Discuss the work load needed in the past to the present and how different it is today. Explain how more advanced knowledge helps today in the workforce.
Math	Estimate the cost of some of the objects in the museum of the past and compare them to the present. Compare the value of money of past to present. Organize and analyze data gathered at the museum. Use measuring techniques whenever possible in the museum i.e. how big is the museum, bricks, signs, etc. Participate in the Economic Ed Program.
Modern and Classical Languages	Demonstrate the understanding of following directions while at the museum. Check to see if language has changed over the years by viewing the labels on the exhibits. Identify how toys, dress, and crafts reflect life in the early years.
Science And Technology	Describe how the exhibits have been classified. Explain how adaptations, in response to change over time, increase the chance of survival. Observe the many exhibits as to how they were made and what they were used for. Ask questions of your tour guide to better understand a piece of machinery. Check out the simple machines displayed and how they were and are used. See how technology was and is used. How is the tractor hooked up to make the noise?
Social Studies	Participate in “What Freedom Means to Me After Interviewing A Veteran” essay contest. “Identify the characteristics of an effective citizen.” Choose an exhibit and describe it historically. Explain how the museum business structure works so the museum can have visitors. “Describe the effects of historical changes on daily life.” Analyze the time line shown at the museum. View the exhibits regarding the wars and why it is important to show the artifacts. Demonstrate how society changed as seen by viewing the exhibits. “Describe changes in transportation and communication technologies and how they have affected trade over time.”
Visual and Performing Arts	Explain how arts originated from an experience. How did people entertain one another in the past in the home and outside the home? Do an art project using an exhibit. Perform a skit showing an aspect of the museum. View the art work and make note of the different artists. Identify how the factors of time and place are reflected in the visual exhibits. Demonstrate how art has added to the museum. Critique the art work. Create a bulletin that could be used as a handout at the museum.