



Teacher Outline

Story Time with the Marshall Steam Museum - OUTREACH

Program Theme: Train Math (Formally Train Science)

(Ages 2-6; Length: 45 minutes to 1-Hour)

Contact Director of Education with questions at education@auburnheights.org or (302) 239-2385.

Program Description: During this program, we will explore train books while building math skills in a fun and interactive way. We'll practice our colors and graph train cars after reading Donald Crew's *Freight Train*. After reading *Dinosaur Train*, kids will use different animal tracks to "measure" a dinosaur footprint. If there is time, we'll settle down with *Steam Train, Dream Train*.

Delaware Early Learning Foundations: (Self-Concept) SE31, SE33, (Self-Regulation) SE0, SE42, SE 45, SE46, (Engagement & Persistence) AL35, AL37, (Reasoning & Problem Solving) AL39, (Receptive Communication) LL31, LL32, LL35, LL36, (Expressive Communication) LL37, LL38, LL41, LL43, (Emergent Reading) LL50, LL55, LL60, (Numbers & Operations) MA31, MA32, MA33, MA35, MA36, (Measurement) MA48, (Data Analysis) MA52, (Visual arts) CE42, (Fine Motor) PD31, PD32

Math Trains Learning Objectives

During this program, students will:

- Read Donald Crew's *Freight Train* during story time. Use a Velcro board activity, children will build a graph together using different colored train cars based on the book to practice both their colors and counting.
- Read *Dinosaur Train* during a story time. Children will learn who a paleontologist is and then practice counting skills as they measure the size of a dinosaur footprint using other animal tracks.
- If there is time, students will work together to read *Steam Train, Dream Train*, identifying different animals in the story and counting how many there are.
- To finish students will build number trains to take home.

