

COMMON CURRICULUM GOALS MET BY EMFEP CURRICULUM: **SCIENCE**

- ✓ Organisms: Understand the characteristics, structure, and functions of organisms
- ✓ Heredity: Understand the transmission of traits in living things
- ✓ Diversity/Interdependence: Understand the relationships among living things and between living things and their environments
- ✓ The Dynamic Earth: Understand the properties and limited availability of the materials which make up the Earth
- ✓ The Dynamic Earth: Understand changes occurring within the lithosphere, hydrosphere, and atmosphere of the Earth
- ✓ Forming the Question/Hypothesis:
Formulate and express scientific questions or hypotheses to be investigated
- ✓ Collecting and Presenting Data:
Conduct procedures to collect, organize, and display scientific data

MATHEMATICS

- ✓ Computation and Estimation:
Compute fluently and make reasonable estimates.
- ✓ Collect and Display Data: Formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them.
- ✓ Units and Tools: Understand measurable attributes of objects and the units, systems and processes of measurement
- ✓ Direct & Indirect Measurement:
Apply appropriate techniques, tools, and formulas to determine Measurements
- ✓ Modeling: Use visualization, spatial reasoning, and geometric modeling to solve problems
- ✓ Coordinate Geometry: Specify locations and describe spatial relationships using coordinate geometry and other representational systems

LANGUAGE ARTS

- ✓ Listen to and Read Informational and Narrative Text
- ✓ Read to Perform a Task: Find, understand, and use specific information in a variety of texts across the subject areas to perform a task
- ✓ Writing Applications: Narrative Writing.

- ✓ Vocabulary

HEALTH EDUCATION

- ✓ Demonstrate self management, analyzing influences, goal setting and advocacy skills while understanding the components of healthy eating.

ARTS

- ✓ Express ideas, moods and feelings through the arts and evaluate how well a work of art expresses one's intent.
- ✓ Understand how the arts can reflect the environment and personal experiences within a society or culture, and apply to one's own work.
- ✓ Create, present and perform works of art.
- ✓ Apply the use of ideas, techniques and problem solving to the creative process and analyze the influence that choices have on the result.