**Educational Objectives**

**Eighth Grade**

**School Year 20\_\_-20\_\_**

**Student**:

*(Student Name*

*& Address)*

Birth date:

**Curriculum**:

Abeka Academy, Apologia Science, Teaching Textbooks, Mystery Of History, Evan Moore, Expedition Earth

**English & Language Arts (including Reading, Writing, Grammar & Spelling)**

1. Read often, read for longer periods of time by reading fiction, non-fiction and classic readers.
2. Improve spelling and vocabulary.
3. Improve fluency in reading aloud and oral speaking.
4. Increase knowledge of spoken and written English grammar (phonics)…focusing on the parts of speech, diagraming, good writing structure of sentences and paragraphs, conjunctions, prepositions, & interjections, punctuation and story writing. Improve writing through various research topics.
5. Continue to develop cursive writing, library and dictionary skills.
6. Continue development through memorization of various poems and Scripture.

**Math**

1. Develop new skills in pre-algebra using an intense math program.
2. Continue work with story problems using multiple steps, Roman Numerals, averaging numbers, standard measures and equations.
3. Develop new skills with Whole Numbers, Fractions, Measures, Algebraic Equations, Decimals, Graphs, and Equations.
4. Improve time through speed drills.
5. Improve understanding of Geometry and Pre-Algebra skills.

**Social Studies**

1. Increase knowledge of US and Pennsylvania history through readings and the exploration of regional historic sites and museums. Also a Government study of the American Election system including a Mock Trial during the current Presidential Election.
2. Study, in more detail, the world from Middle Ages and Renaissance
3. Improve geography skills using maps and globes with an intensive Geography study of various countries including cooking recipes and studying cultural variations of each country.

**Science**

1. Increase knowledge through observations of nature.
2. Participate in a variety of scientific experiments and activities and record results and findings.
3. Participate in Science in the Homeschool Co-Op (Apologia Physical Science). The class discusses topics such as atmosphere, hydrosphere, weather, structure of the earth, the physics of motion, Newton’s laws, gravity & astrophysics.

**Health and Safety**

1. Increase knowledge of good posture, personal hygiene, nutrition/exercise, courtesy/good manners, safety/first aide and spiritual growth.
2. Increase knowledge of bike and water safety.
3. Increase knowledge of infectious diseases and how to avoid them.
4. Review fire safety at home and attend a fire department fire safety instruction class.
5. Review training with first aid and CPR from past Red Cross Certification.

**Art & Home Economics**

1. Practice drawing skills and use practice using different art techniques.
2. Participate in small class learning sewing and cooking skills; Crocheting as a concentration.
3. Increase understanding of the elements of art and built art vocabulary.
4. Study of art appreciation and cooking recipes from different cultures an in-depth geography cultures class at Homeschool Co-Op.

**Music**

1. Increase ability to read music.
2. Attend classical concert through Erie Philharmonic Youth Presentation.
3. Practice singing for both worship and enjoyment.
4. Participate in Guitar Music class at local Homeschool Co-op.
5. Bi-Monthly Violin Lessons.

**Physical Education**

1. Participate regularly in active play, bike riding and variety of neighborhood games and sports.
2. Understand the importance of exercise to good health.
3. Weekly family exercise time at the local track/playground.
4. Participates in Kickball, Basketball and Swimming.
5. Participate in weekly Homeschool Co-Op Physical Education class.