

EIGHTH GRADE LEARNER OBJECTIVES

As a result of their schooling students will be able to demonstrate the following:

READING

Differentiate between factual, interpretive and evaluative questions.

Summarize and paraphrase written material.

Increase independent reading.

Utilize printed material and Internet resources to do research.

Analyze the elements of literature in fiction and non-fiction material.

Construct a written response using text support.

Increase vocabulary through a variety of sources.

LANGUAGE ARTS/WRITING

Understand and apply effective elements of essay writing.

Document research sources in MLA form.

Review parts of speech and word usage.

Write to communicate for a variety of purposes using correct grammar and sentence structure.

Listen and speak effectively for a variety of purposes.

SCIENCE

Understand the basic anatomy, structure, and function of plants.

Explain the interactions of organisms within an ecosystem.

Analyze the results of independent experimentation.

Understand the concepts of force and motion and apply Newton's three laws of physics.

Identify the properties of metals, non-metals, and metalloids utilizing the modern periodic table.

MATHEMATICS

Estimate whole numbers, decimals, fractions and percentages.

Compare whole numbers, decimals, fractions, integers, and percentages.

Add, subtract, multiply, and divide whole numbers, decimals, fractions, integers, and percentages.

Work with percentages and apply to various real life situations.

Understand plane geometry: triangles, parallel and perpendicular lines, and constructions.

Measure customary units and metric units.

Translate, Evaluate, Solve, and interpret equations and inequalities.

U.S. HISTORY II

Explain the significant events that occurred in United States History.

Describe and explain ways in which diversity in the United States has contributed to the common beliefs and social systems.

Compare the basic principles of the United States and its international interests.

Understand the influence of current events in our society.

PHYSICAL EDUCATION

Apply rules and safety procedures in physical activities.

Compare and contrast efficient and inefficient movement patterns.

Evaluate the strengths and weaknesses of a personal fitness profile.

Apply the principles of training to health-related goals.

Perform strategies of competitive sports: basketball, volleyball, speedball, and golf.

MUSIC

Discuss various musical periods such as the Renaissance, Baroque, Classical, Romantic, and Modern.

Identify composers and their musical compositions, with an emphasis on Bach and Mozart.

Observe musical theater, opera, and ballet.

Study history through musicals, which include the Russian Revolution, World War II, American Immigration, and the Victorian Era.

Study various dances from Russia, Puerto Rico, Ireland, Germany, and Italy.

Discuss musical opportunities such as performer, director, choreographer, lighting technician, and make-up artist.

COMPUTERS

Increase typing proficiency.

Increase knowledge of word processing programs and apply for everyday use.

Utilize programs for filing, sorting, and manipulating data.

Increase knowledge of spreadsheets and multimedia software.

Increase proficiency in utilization of the Internet.

Transfer information through the Internet in the form of email and email attachments.

Health

Work independently on a health topic.

Have knowledge relating to alcohol and all of its effects both physically and emotionally.

Apply refusal skills in a potentially harmful situation.

Apply a decision-making process to an individual concern.

Identify signs of depression in themselves and others and have knowledge of what to do and where to go for help.

Spanish

Review and reproduce the Spanish alphabet sounds.

Continue to apply the Spanish alphabet sounds in pronunciation and spelling.

Learn and apply more commonplace Spanish nouns and phrases.

Understand and demonstrate knowledge of Spanish grammar; subject pronouns, verbs, adjectives, and subject/verb/adjective agreement.

Learn and demonstrate present tense verb conjugation.

Conduct research involving Spanish traditions and sports.

Learn Spanish-related holidays and cultures worldwide.