World Languages: French/Spanish

Classes meet daily as a regular academic class. Students must select one language at this time. Students who did not select a language in Grade 6 may begin their language program in Grade 7. (Please note: Because the 7th and 8th grade program together form the equivalent of a traditional high school French I or Spanish I course, students will not be able to begin a world language in Gr. 8.)
Broad goals for World Languages: Students will learn to speak, read, write, and understand vocabulary involving the topics listed below, as well as basic grammar usage and formations. Students will also deepen their cultural awareness of the countries in which their world language is spoken.
Vocabulary Review/expansion/mastery of previously learned vocabulary, food and beverages, places in the community, sports, classroom supplies, school subjects, rooms in a house, things in a bedroom.
Grammar Verbs – present tense – regular and irregular verb forms, verbs – future (forms of "go" and infinitive), interrogative forms, subject pronouns, adjectives, prepositions, adverbs.
Culture Geography, holidays, traditions, general way of life in countries that use the World Language.

Integrated Learning Skills (ILS)

Students will learn various technology skills and integrate curriculum material to create computer projects. All projects are completed in class and no homework is given.
MicrosoftWord: Letter writing, Iconic stories, Bio poems, Announcements, Spreadsheets, Database, Letterhead
Microsoft Publisher: Brochures, Newsletters, Business cards, Business project, Catalog advertisements
Hyper Studio: Computer animation , Clay animation, Slide shows, & Presentations.
Mircosoft Excel, AppleWorks, Power Point Presentations, Internet Activities, WebPages – FrontPage & Publisher, Digital Photography, Palm Pilots, Typing Tutor.

Superintendent of Schools

Henry E. LaBranche, Ph.D.-Interim Superintendent

Amanda Lecaroz, CAGS -Assistant Superintendent

Business Manager

Adam Steel- Business Administrator

Windham School District

Windham Middle School 7th Grade Curriculum

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Pre-Algebra

Goals: developing an appropriate math vocabulary, using variables for problem solving, solving and graphing multi-step equations and inequalities, and understanding the relationships among different sets of numbers.

Problem Solving and Reasoning

Create and solve real life problems efficiently, using variables, use ratios and proportions for problem solving.

Communication and Connections

Explain and justify a solution using appropriate math vocabulary, use rational numbers in varied forms.

Numbers and Number Theory

Evaluate multi-step algebraic expressions using signed rational numbers, solve and graph multi-step equations and inequalities, identify and apply properties of real numbers, develop subsets of rational and whole numbers and their relationships.

Geometry and Measurement

Identify and draw geometric shapes and figures and identify common properties, calculate perimeter and area with both numbers and variables, identify and measure angles formed by perpendicular or parallel lines.

Data Analysis

Calculate measures of central tendency, create data with given measures of central tendency.

Patterns and Functions

Solve and graph linear equations and inequalities, write and evaluate an algebraic expression.

Mathematics

Goals: developing an appropriate math vocabulary, problem solving employing different strategies, using variables accurately and comfortably, thinking about math concepts and discovering the relationships among different sets of numbers.

Problem Solving and Reasoning

Create and solve real life problems, solve multi-step problems using multiple strategies, use ratio and proportion for problem solving.

Communication and Connections

Explain or justify a solution using appropriate math vocabulary, use rational numbers as decimals and percents, compute with integers and understand their use in other curricula.

Numbers and Number Theory

Evaluate multi-step algebraic expressions, solve one step equations, find subsets of rational and whole numbers and how they relate.

Geometry and Measurement

Identify geometric forms and shapes and their properties, calculate perimeter and area for triangles and quadrilaterals.

Data Analysis

Calculate measures of central tendency, create data with given measures of central tendency, prepare and interpret visual presentation of data.

Patterns and Functions

Become comfortable in the use and representation of variables, begin to make the transition from concrete numbers to abstract math.

Reading/Language Arts

The strands of instruction for the 7th grade reading program at Windham Middle School are intertwined with the Tri-State Grade Level Expectations and the local curriculum. The main texts used are McDougal Littell's *Language of Literature 2002 and Language* Network. The *John Collins' Writing Program* is used as a part of the writing program.

Reading/Language Arts: Grade 7

- English/LA curriculum enables students to:

Promote Initial Understanding of Literary Texts:

- Story design and structure, five methods of character development, exposure to and exploration of various genre.

Analyze and Interpret Literary Text :

- Direct application of Learned Reading strategies, literary devices, citing and interpreting evidence, paraphrasing/summarizing, point of view.

Understand and Analyze Informational Text:

- Text features, patterns of organization.

Develop word identification skills and strategies:

- Word structure/word analysis.

Expand Breadth of Vocabulary:

- Contextual clues, synonyms/choice selections/shades of meaning, expand knowledge and demonstrate command of language.

Writing

Grammar, spelling, vocabulary, the 4 types of writing, the 6 traits, and essay construction.

Social Studies

Broad goals for Social Studies address acquiring the knowledge, concepts, skills, and processes of civics and government, economics, geography, and history.

Civics and Government Understand the purpose of government and how governments are established and organized through the study of past European and Middle Eastern civilizations and through the formation of the US government.

Understand the specific needs for governmental change, which resulted in the American Revolution and subsequent revolutions in Europe.

Economics Understand how economic systems formed and changed in past civilizations based on the availability of resources, level of technology attained, wants and needs, and transportations systems.

Understand the patterns and results of trade among civilizations in the past, which led to economic interdependence among cultures.

Geography Understand the historic relationships between people and their environments; i.e. how physical geographic features of an area (such as landforms, natural resources, climate, soils, vegetation, wildlife, etc.) have always affected human geographic features (such as economic activities, forms of shelter, population density, etc.)

History Understand the chronology and significant developments of European and Middle Eastern history from ancient times through the 18th century, with particular emphasis on how these ideas, institutions, religions and cultural legacies have directly influenced American thought, culture, and politics.

Develop an ability to analyze and interpret historical data to gain a more balanced understanding and appreciation of history and its uses in contemporary situations.

Science

Broad goals for science address acquiring the knowledge, concepts, skills, and processes of life science with hands-on activities and teacher demonstrations. Knowledge is enhanced through integration of technology.

Cells: Describe the functions performed by organelles in a cell and how they work together to carry out the activities of life. Enhance understanding of cells by comparing bacterial, plant, and animal cells using microscopes.

Human Body: Understand how the organization of the human body is similar to that of a marching band through the study of various systems and how they work together. Describe the features and functions of the skeletal, muscular, digestive, circulatory, and respiratory systems.

Viruses and Bacteria: Evaluate how viruses and bacteria impact our lives in both positive and negative ways. Utilize computers and technology to research infectious diseases and create a brochure explaining how they are spread from person to person, treated, and prevented. Observe microscopic organisms in the lab to identify different types of bacteria.

Genetics: Understand the principles of probability and how Mendel applied them to genetics. Explore the current advances in genetics and how these changes will impact our future.

Life Processes: Identify the characteristics all living things share and how changes in the environment would affect species' ability to survive.

Classification: Understand why scientists organize living things into groups.