

Central Vermont Supervisory Union
Proficiency Based Graduation Requirements
June 2018

Habits of Success

https://docs.google.com/document/d/1MhbUQFyMyip_8d_vkxHhoOtgViL5qDfuHu1HqQLVolM/edit

Respectful Learner

Responsible Learner

Engaged Learner

Effective Learner

English Language Arts

Reading

Students will comprehend and evaluate the validity of a wide range and level of increasingly complex print and non-print texts.

Writing

Produce clear and coherent writing for a range of tasks, purposes, and audiences.

Speaking & Listening

Students will understand that speaking, listening and language skills are critical to effective communication and need to be adjusted for task, purpose, and audience.

Global Citizenship

Inquiry

Students will demonstrate involvement in the community and an understanding of the responsibilities of being an engaged citizen through inquiry.

Historical Thinking

Students use historical thinking to analyze how past and present interactions of people, cultures, and the environment shape global communities.

Geographic Tools

Students will propose solutions to local and world issues by using geographic tools to analyze data and examine cultural information.

Citizenship

Students will act as citizens by understanding how governments function and by exercising their rights and responsibilities within their current societal structure(s).

Economics

Students will make economic decisions through their understanding of the interaction between humans, the environment, government, and the economy.

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World Languages

Non-Native Language

Students show skill development in various forms of non-native language communication.

Cultural Differences

Students demonstrate understanding of customs, beliefs, cultural differences, and traditions worldwide.

Culture

Students access new information through using a nonnative language and experiencing its culture.

Language

Students demonstrate understanding of the nature of language through comparisons of the language studied and their own.

Students show understanding of how language and cultural knowledge influences their lives.

Mathematics

Number and Quantity

Students will understand that place, digit, quantity/value and properties define a number.

Operations and Algebraic Thinking

Students will understand and use the relationships between and among the operations to efficiently and accurately solve problems and interpret, model, create and solve equations and functions.

Geometry

Students will understand that objects in our world can be described and compared according to their physical and spatial attributes and relationships using geometric concepts, theorems, and constructions.

Measurement, Data, Probability, and Statistics

Students will understand that data is used to analyze, predict, hypothesize and make decisions.

Finance

Students will understand how to manage personal finance and make economic decisions.

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Science

Engaging in Argument from Evidence

Students will use appropriate and sufficient evidence and scientific reasoning to defend and critique claims and explanations about the natural and designed world(s).

Analyzing and Interpreting Data

Students will use mathematical and statistical analysis, compare data sets for consistency, and use models to generate and analyze data

Asking Questions

Students will formulate, refine, and evaluate empirically testable questions and define problems using models and simulations.

Obtaining, Evaluating, and Communicating Information

Students will obtain, evaluate, and communicate information regarding the validity and reliability of claims, methods, and designs.

Constructing Explanations and Designing Solutions

Students will construct explanations and design solutions that are supported by multiple and independent student-generated sources of evidence consistent with scientific ideas, principles, and theories.

Developing and Using Models:

Students will use and develop models to predict and show relationships among variables between systems and their components in the natural and designed worlds.

Planning and Carrying Out Investigations:

Students will plan and carry out investigations that provide evidence for and test conceptual, mathematical, physical, and empirical models.

Using Mathematics and Computational Thinking:

Students will use algebraic thinking and analysis, a range of linear and nonlinear functions such as trigonometric functions, exponentials and logarithms, and computational tools for statistical analysis to analyze, represent, and model data.

Physical Education

Skills & Patterns

The physically literate individual demonstrates competency in a variety of motor skills and movement patterns.

Movement & Performance

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The physically literate individual applies knowledge of concepts, principles, strategies and tactics related to movement and performance.

The physically literate individual demonstrates the knowledge and skills to achieve and maintain a health-enhancing level of physical activity and fitness.

The physically literate individual exhibits responsible personal and social behavior that respects self and others.

The physically literate individual recognizes the value of physical activity for health, enjoyment, challenge, self-expression and/or social interaction.

Health

Accessing Information

Students will demonstrate the ability to access valid information, products, and services to enhance health.

Analyze Influences

Students will analyze the influence of family, peers, culture, media, technology and other factors on health behaviors.

Core Concepts

Students will comprehend concepts related to health promotion and disease prevention to enhance health.

Decision Making and Goal Setting

Students will demonstrate the ability to use decision making and goal setting to enhance health.

Interpersonal Communication and Advocacy

Students will demonstrate the ability to use interpersonal communication skills; to advocate for personal, family and community health to enhance health and avoid or reduce health risks.

Self-Management

Students will demonstrate a variety of behaviors that avoid or reduce health risks to self and others.

Visual & Performing Arts

Visual Arts

Create

Students create visual art and/or music infused with meaning by using a deliberate creative process and/or technique that incorporates feedback from concept to final revisions.

- Generate and conceptualize
- Organize and develop
- Refine and complete artistic work

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Present

Students perform, present, or produce visual art and/or music purposefully to enhance aesthetics and meaning; analyzing, evaluating, and articulating the effectiveness of the performance or display.

- Analyze, interpret, and select
- Develop and refine
- Convey meaning through the presentation of artistic work

Respond

Students develop aesthetic and empathic awareness of self, others, the natural world and constructed environments through art criticism, evaluations and critique.

- Perceive and analyze
- Interpret intent and meaning
- Apply criteria to evaluate

Connect

Students develop ideas and understanding of society, culture and history by investigating and developing awareness of perceptions, knowledge and experiences through their interaction with an analysis of art.

- Synthesize and relate knowledge and personal experiences to make art
- Relate artistic ideas and works with societal, cultural, and historical context to deepen understanding.

Performing Arts

CREATE

Students create visual art and/or music infused with meaning by using a deliberate creative process and/or technique that incorporates feedback from concept to final revisions.

- Generate and conceptualize
- Organize and develop
- Refine and complete artistic work

PERFORM / PRESENT / PRODUCE

Students perform, present, or produce visual art and/or music purposefully to enhance and relay meaning and artistic intent; analyzing, evaluating, and articulating the effectiveness of the performance or display.

- Analyze, interpret, and select
- Develop and refine
- Convey meaning through the presentation of artistic work

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RESPOND

Students develop aesthetic and empathic awareness of self and others through music analysis, evaluation, and criticism of musical devices.

- Perceive and analyze
- Interpret intent and meaning
- Apply criteria to evaluate

CONNECT

Students connect to visual art and/or music by analyzing and connecting it to the contemporary human experience and/or historical- cultural significance.

- Synthesize and relate knowledge and personal experiences to make music
- Relate artistic ideas and works with societal, cultural, and historical context to deepen understanding