

# Unit 5 - Fitness

Content Area: **PE/Health**  
Course(s): **PE 10**  
Time Period:  
Length: **27 Days**  
Status: **Published**

## **Title Section**

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## **Department of Curriculum and Instruction**



**Belleville Public Schools**

**Curriculum Guide**

# Comprehensive Health and Physical Education, Grade 10

## Unit 5 - Fitness

**Belleville Board of Education**

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Board Approved: September 23, 2019

## **Unit Overview**

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This unit will focus on knowledge and understanding of physical activity, physical fitness, and wellness. Students will develop the skills necessary to measure their own fitness and physical activity. Students will also maintain regular participation in physical activity and analyze and evaluate their level of involvement in physical activity. This unit will provide students the opportunity to develop healthy habits and gain value and appreciation of the importance of healthy habits throughout life. The students are also required to research and teach a workout style to their peers. Students will take part in mediation, breathing exercises and yoga.

This unit was developed around:

- Cardiovascular endurance
- Muscular strength and endurance
- Body composition
- Flexibility
- Mindfulness

## **Enduring Understanding**

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- Students will have an understanding of which exercises improve what part of the body/movements.
- Students will understand why lifetime wellness is so important.
- Students will determine what style of exercise fits best for them and how to perform that style correctly.
- Students will demonstrate their understanding of different workout styles.
- Students will understand how environment, lifestyles, and culture impact fitness.
- Students will understand how to evaluate fitness level.
- Students will understand proper etiquette when in fitness facilities.

## **Essential Questions**

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- What fitness activities are available to me as I get older?
- How does yoga improve my flexibility?
- How does meditation improve mindfulness and mental health?
- Why is it important to remain fit throughout a lifetime?
- How does safety impact wellness?
- How does nutrition play a role in performance?
- How does hydration play a role in performance?
- How can I include physical fitness in my life?
- How is heart rate a good indicator of fitness level?
- How does weight training impact body composition?
- How does fitness and yoga help to relieve stress?
- How does flexibility impact wellness?
- What are the different styles of exercise?
- How does physical activity affect your ability to concentrate on academics?
- What can I do to be physically active throughout my life?

## Exit Skills

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- Engage in lifetime physical activities of sufficient intensity and duration to maximize health benefits.
- Understand why it is important to develop and maintain adequate levels of physical activity/fitness.
- Develop knowledge base and skills necessary to plan and execute personal activity programs.

## New Jersey Student Learning Standards (NJSLS)

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HPE.2.1.12.A.1	Analyze the role of personal responsibility in maintaining and enhancing personal, family, community, and global wellness.
HPE.2.1.12.A.2	Debate the social and ethical implications of the availability and use of technology and medical advances to support wellness.
HPE.2.1.12.A.CS1	Developing and maintaining wellness requires ongoing evaluation of factors impacting health and modifying lifestyle behaviors accordingly.
HPE.2.1.12.B.1	Determine the relationship of nutrition and physical activity to weight loss, weight gain, and weight maintenance.
HPE.2.1.12.B.CS1	Applying basic nutritional and fitness concepts to lifestyle behaviors impacts wellness.
HPE.2.6.12	All students will apply health-related and skill-related fitness concepts and skills to develop and maintain a healthy, active lifestyle.
HPE.2.6.12.A.1	Compare the short- and long-term impact on wellness associated with physical inactivity.
HPE.2.6.12.A.2	Design, implement, and evaluate a fitness plan that reflects knowledge and application of fitness-training principals. (FITT and additional training principles)
HPE.2.6.12.A.3	Determine the role of genetics, gender, age, nutrition, activity level, and exercise type on body composition.
HPE.2.6.12.A.4	Compare and contrast the impact of health-related fitness components as a measure of fitness and health.
HPE.2.6.12.A.5	Debate the use of performance-enhancing substances (i.e., anabolic steroids and other legal and illegal substances) to improve performance.
HPE.2.6.12.A.CS1	Taking personal responsibility to develop and maintain physical activity levels provides opportunities for increased health, fitness, enjoyment, challenges, self-expression, and social interaction.

## Interdisciplinary Connections

LA.W.9-10.1	Write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.
LA.SL.9-10.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with peers on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
LA.L.9-10.1	Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.
LA.L.9-10.2	Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.
LA.L.9-10.2.C	Spell correctly.

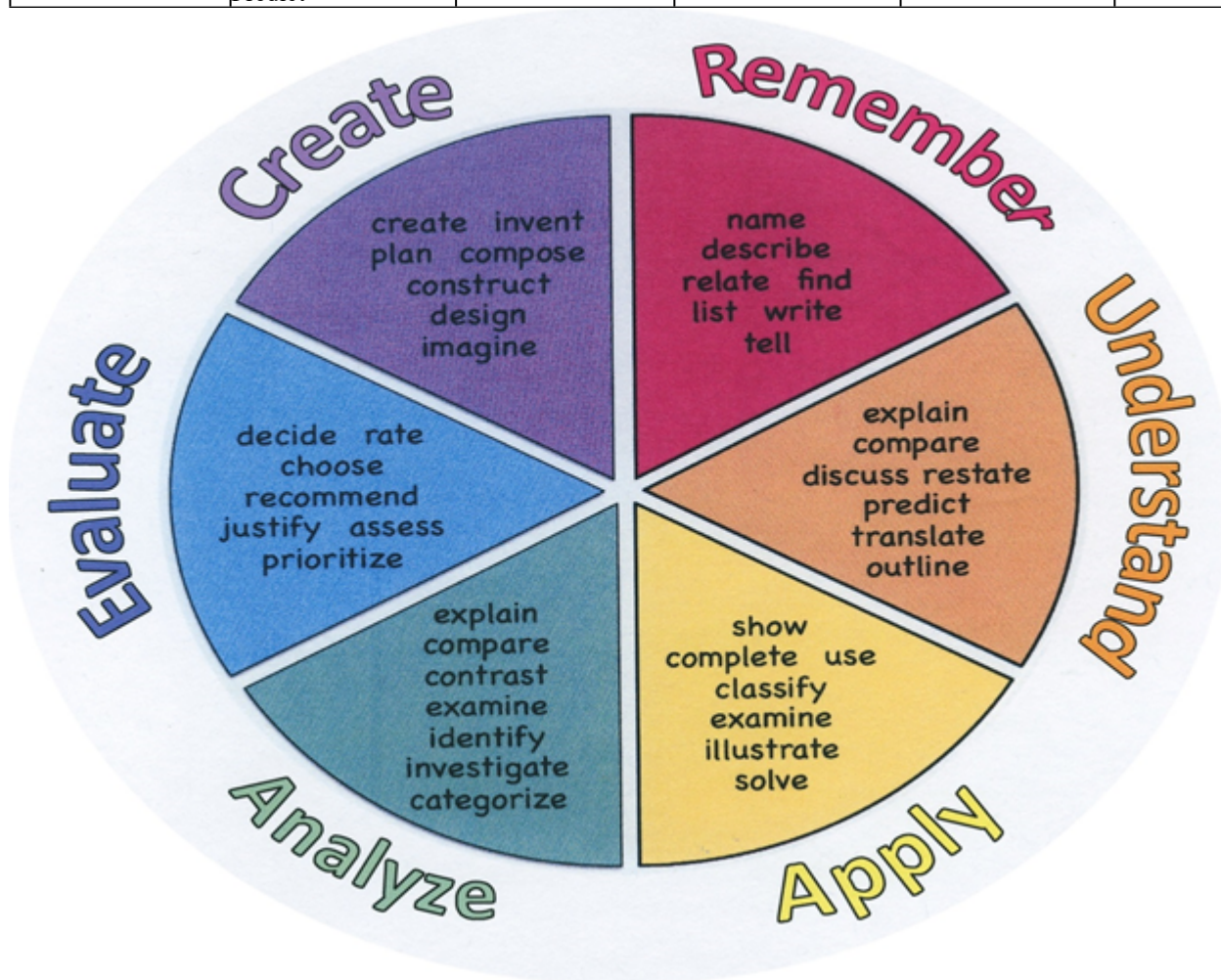
## Learning Objectives

- SWDAT understand how to move safely in a general space to avoid injury.
- SWDAT explain how to improve physical fitness.
- SWDAT Create a list of activities that builds fitness.
- SWDAT Create a fitness routine that supports wellness.
- SWDAT Identify health benefits of physical fitness.
- SWDAT Demonstrate stretching to target specified target muscle groups.
- SWDAT Demonstrate an understanding of health-related fitness components.
- SWDAT Define agility.
- SWDAT Demonstrate basic skills associated with yoga activities including strength and flexibility, balance and coordination.
- SWDAT Demonstrate knowledge of and calculate body composition.
- SWDAT Demonstrate the ability to perform yoga movements in various combination and forms.
- SWDAT Assess current personal fitness levels.

**Action Verbs:** Below are examples of action verbs associated with each level of the Revised Bloom's Taxonomy.

Remember	Understand	Apply	Analyze	Evaluate	Create
Choose	Classify	Choose	Categorize	Appraise	Combine
Describe	Defend	Dramatize	Classify	Judge	Compose
Define	Demonstrate	Explain	Compare	Criticize	Construct
Label	Distinguish	Generalize	Differentiate	Defend	Design
List	Explain	Judge	Distinguish	Compare	Develop
Locate	Express	Organize	Identify	Assess	Formulate
Match	Extend	Paint	Infer	Conclude	Hypothesize
Memorize	Give Examples	Prepare	Point out	Contrast	Invent
Name	Illustrate	Produce	Select	Critique	Make
Omit	Indicate	Select	Subdivide	Determine	Originate
Recite	Interrelate	Show	Survey	Grade	Organize
Select	Interpret	Sketch	Arrange	Justify	Plan
State	Infer	Solve	Breakdown	Measure	Produce
Count	Match	Use	Combine	Rank	Role Play
Draw	Paraphrase	Add	Detect	Rate	Drive

Outline Point Quote Recall Recognize Repeat Reproduce	Represent Restate Rewrite Select Show Summarize Tell Translate Associate Compute Convert Discuss Estimate Extrapolate Generalize Predict	Calculate Change Classify Complete Compute Discover Divide Examine Graph Interpolate Manipulate Modify Operate Subtract	Diagram Discriminate Illustrate Outline Point out Separate	Support Test	Devise Generate Integrate Prescribe Propose Reconstruct Revise Rewrite Transform
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### Suggested Activities & Best Practices

- Breathing Exercises

- Static Stretching
- Dynamic Stretching
- Free Weights (with spotter)
- Body Weight Exercises
- Cardiovascular Exercises
- Yoga

### **Assessment Evidence - Checking for Understanding (CFU)**

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- Quarterly Exam - summative assessment
- Current Event Assignments - alternative assessment
- Multimedia Reports - formative assessment
- Written Reports - summative assessment
- Surveys - formative assessment
- Evaluation rubrics - Sport Ed - formative assessment
- Self- assessments - alternative assessment
- Teacher Observation Checklist - formative assessment
- Explaining - formative assessment
- Youtube Video Analysis - formative assessment

### **Primary Resources & Materials**

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- Yoga Mats
- Kettlebells, barbells, bars
- Jump Boxes
- Medicine Balls
- Cardio Machines
- Jump Ropes
- Ladders

### **Ancillary Resources**

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- Quarterly Exam Review Sheets
- Quarterly Exam
- Current Events Worksheet
- Medical Writing Assignment

- Fitness Packet
- Yoga Packet
- Exercise Diagrams and Descriptions
- Muscle groups Worksheet

## **Technology Infusion**

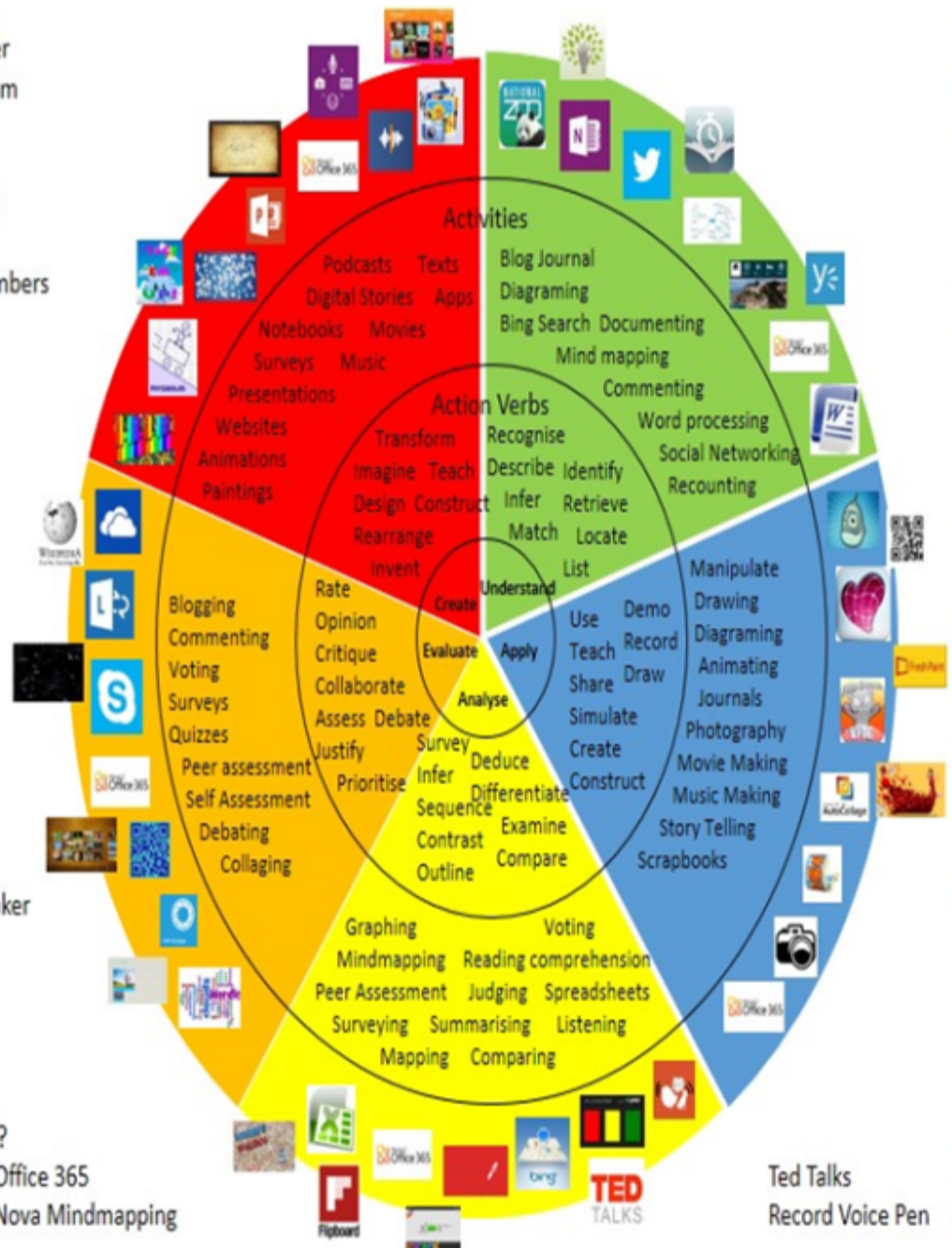
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- Youtube Videos (skills, drills, history, etc.)
- P.E. Google Classroom (Rules, Assignments, Information, Announcements, etc.)
- Chromebooks (Assignments, Current Events, Quarterly, Etc.)

Originally taken from <http://www.coetail.com/vzimmer/files/2013/02/IPadagogy-Wheel.001.jpg>  
And adapted for Windows 8.1 devices by Charlotte Beckhurst @CharBeckhurst

Wikipedia  
Skydrive  
Lync  
SkyMap  
Skype  
Office 365  
Puzzle Touch  
Easy QR  
Memorylage  
Life Moments  
Word Cloud Maker

Ted Talks  
Record Voice Pen



## **Alignment to 21st Century Skills & Technology**

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CRP.K-12.CRP2	Apply appropriate academic and technical skills.
CRP.K-12.CRP3	Attend to personal health and financial well-being.
CRP.K-12.CRP4	Communicate clearly and effectively and with reason.
CRP.K-12.CRP11	Use technology to enhance productivity.
CAEP.9.2.12.C.1	Review career goals and determine steps necessary for attainment.
CAEP.9.2.12.C.2	Modify Personalized Student Learning Plans to support declared career goals.
CAEP.9.2.12.C.3	Identify transferable career skills and design alternate career plans.
TECH.8.1.12.A	Technology Operations and Concepts: Students demonstrate a sound understanding of technology concepts, systems and operations.
TECH.8.1.12.A.CS1	Understand and use technology systems.
TECH.8.1.12.A.CS2	Select and use applications effectively and productively.
TECH.8.1.12.B.CS2	Create original works as a means of personal or group expression.
TECH.8.1.12.C.CS1	Interact, collaborate, and publish with peers, experts, or others by employing a variety of digital environments and media.
TECH.8.1.12.C.CS2	Communicate information and ideas to multiple audiences using a variety of media and formats.

## **21st Century Skills/Interdisciplinary Themes**

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- Communication and Collaboration
- Creativity and Innovation
- Critical thinking and Problem Solving
- Information Literacy
- Life and Career Skills
- Media Literacy

## **21st Century Skills**

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- Civic Literacy
- Global Awareness

- Health Literacy

## Differentiation

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### Differentiations:

- Small group instruction
- Diagrams of workouts/exercises
- Pictures of muscle groups being utilized
- Demonstrations of workouts and stretches
- Videos of workout routines
- Pictures of Yoga Poses
- Small group assignments
- Extra time to complete assignments
- Pairing oral instruction with visuals
- Repeat directions
- Use manipulatives
- Center-based instruction
- Token economy
- Study guides
- Teacher reads assessments allowed
- Scheduled breaks
- Rephrase written directions
- Multisensory approaches
- Additional time
- Preview vocabulary
- Preview content & concepts
- Story guides
- Behavior management plan
- Highlight text
- Student(s) work with assigned partner
- Visual presentation
- Assistive technology
- Auditory presentations
- Large print edition
- Dictation to scribe
- Small group setting

### Hi-Prep Differentiations:

- Alternative formative and summative assessments
- Choice boards
- Games and tournaments
- Group investigations
- Guided Reading
- Independent research and projects
- Interest groups
- Learning contracts
- Leveled rubrics
- Literature circles
- Multiple intelligence options
- Multiple texts

- Personal agendas
- Project-based learning
- Problem-based learning
- Stations/centers
- Think-Tac-Toes
- Tiered activities/assignments
- Tiered products
- Varying organizers for instructions

#### **Lo-Prep Differentiations**

- Choice of books or activities
- Fitness Journal
- Nutrition Journal
- Student-led fitness groups
- Cubing activities
- Exploration by interest
- Flexible grouping
- Goal setting with students
- Jigsaw
- Mini workshops to re-teach or extend skills
- Open-ended activities
- Think-Pair-Share
- Reading buddies
- Varied journal prompts
- Varied supplemental materials

## **Special Education Learning (IEP's & 504's)**

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- printed copy of board work/notes provided
- additional time for skill mastery
- Allow frequent water breaks
- assistive technology
- behavior management plan
- Center-Based Instruction
- check work frequently for understanding
- computer or electronic device utilizes
- extended time on tests/ quizzes
- have student repeat directions to check for understanding

- highlighted text visual presentation
- modified assignment format
- modified test content
- modified test format
- modified test length
- multi-sensory presentation
- multiple test sessions
- preferential seating
- preview of content, concepts, and vocabulary
- Provide modifications as dictated in the student's IEP/504 plan
- Provide videos as guidance for proper form
- Provide visuals of exercises/workouts
- reduced/shortened reading assignments
- Reduced/shortened written assignments
- secure attention before giving instruction/directions
- shortened assignments
- student working with an assigned partner
- teacher initiated weekly assignment sheet
- Use open book, study guides, test prototypes

## **English Language Learning (ELL)**

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- teaching key aspects of a topic. Eliminate nonessential information
- using videos, illustrations, pictures, and drawings to explain or clarify
- allowing products (projects, timelines, demonstrations, models, drawings, dioramas, poster boards, charts, graphs, slide shows, videos, etc.) to demonstrate student's learning;
- allowing students to correct errors (looking for understanding)
- allowing the use of note cards or open-book during testing
- decreasing the amount of work presented or required
- Glencoe Comprehensive Health and Physical Education Virtual Textbook - translated videos
- having peers take notes or providing a copy of the teacher's notes
- modifying tests to reflect selected objectives
- providing study guides
- reducing or omitting lengthy outside reading assignments
- reducing the number of answer choices on a multiple choice test

- Translated exercise/workout routines
- tutoring by peers
- using computer word processing spell check and grammar check features
- using true/false, matching, or fill in the blank tests in lieu of essay tests

## **At Risk**

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- allowing students to correct errors (looking for understanding)
- teaching key aspects of a topic. Eliminate nonessential information
- allowing products (projects, timelines, demonstrations, models, drawings, dioramas, poster boards, charts, graphs, slide shows, videos, etc.) to demonstrate student's learning
- allowing students to select from given choices
- allowing the use of note cards or open-book during testing
- collaborating (general education teacher and specialist) to modify vocabulary, omit or modify items to reflect objectives for the student, eliminate sections of the test, and determine how the grade will be determined prior to giving the test.
- decreasing the amount of work presented or required
- having peers take notes or providing a copy of the teacher's notes
- marking students' correct and acceptable work, not the mistakes
- modifying tests to reflect selected objectives
- pictures and diagrams of exercises and muscle groups targeted
- providing study guides
- reducing or omitting lengthy outside reading assignments
- reducing the number of answer choices on a multiple choice test
- small student-led fitness groups
- tutoring by peers
- using authentic assessments with real-life problem-solving
- using true/false, matching, or fill in the blank tests in lieu of essay tests
- using videos, illustrations, pictures, and drawings to explain or clarify
- videos of workouts to show proper form

## **Talented and Gifted Learning (T&G)**

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- Above grade level placement option for qualified students
- Advanced problem-solving
- Allow students to work at a faster pace
- Cluster grouping
- Complete activities aligned with above grade level text using Benchmark results
- Create a blog or social media page about their unit
- Create a detailed fitness and nutrition plan

- Create a plan to solve an issue presented in the class or in a text
- Create instructional workout video
- Debate issues with research to support arguments
- Flexible skill grouping within a class or across grade level for rigor
- Higher order, critical & creative thinking skills, and discovery
- Multi-disciplinary unit and/or project
- Student-led fitness groups - student act as the trainer
- Teacher-selected instructional strategies that are focused to provide challenge, engagement, and growth opportunities
- Utilize exploratory connections to higher-grade concepts
- Utilize project-based learning for greater depth of knowledge

## Sample Lesson

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**Unit Name:** Weight training/Fitness

**NJSLS:** (linked)

**Interdisciplinary Connection:** language arts literacy

**Statement of Objective:**

- SWDAT Create and demonstrate a fitness routine focusing on upper body strength.
- SWDAT Explain which muscle groups are targeted during each exercise.

**Anticipatory Set/Do Now:** 5 minute jog, stretches

**Learning Activity:** Teacher will review weight room safety. Students will break up into their groups and the "trainer:" of the day will demonstrate a work out routine for their group as the group follows along with the exercises. Students will write down the exercises and muscle groups in their fitness logs.

**Student Assessment/CFU's:** individual fitness logs and fitness routines

**Materials:** weight room equipment, fitness room equipment, fitness logs, fitness plans

**21st Century Themes and Skills:** health literacy

**Differentiation:** by process

**Integration of Technology:** Pedometers, Youtube clips, Google Classroom

HPE.2.1.12.A.1	Analyze the role of personal responsibility in maintaining and enhancing personal, family, community, and global wellness.
HPE.2.1.12.A.CS1	Developing and maintaining wellness requires ongoing evaluation of factors impacting health and modifying lifestyle behaviors accordingly.
HPE.2.1.12.B.1	Determine the relationship of nutrition and physical activity to weight loss, weight gain,

and weight maintenance.

HPE.2.1.12.B.CS1

Applying basic nutritional and fitness concepts to lifestyle behaviors impacts wellness.

HPE.2.5.12.C.3

Determine the current impact of globalization and technology on the development of, participation in, and viewing of games, sports, dance, and other movement activities, and predict future impact.

HPE.2.6.12.A.1

Compare the short- and long-term impact on wellness associated with physical inactivity.

HPE.2.6.12.A.2

Design, implement, and evaluate a fitness plan that reflects knowledge and application of fitness-training principals. (FITT and additional training principles)

HPE.2.6.12.A.CS1

Taking personal responsibility to develop and maintain physical activity levels provides opportunities for increased health, fitness, enjoyment, challenges, self-expression, and social interaction.