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Belleville Public Schools

Curriculum Guide

Comprehensive Health and Physical Education, Grade 12

Unit 3 - Net Games

Belleville Board of Education

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Unit Overview

In this unit, students will learn and participate in games that involve nets. Players/teams score by hitting an object into a court space in such a way that the opposing player/team cannot hit it back within the allowed amount of touches. Tactical problems related to net games include setting up an attack, creating space on offense, reducing space on defense, etc.

Examples of net games include:

- Tennis
- Volleyball
- Badminton

Enduring Understanding

- Different strategies impact the outcome of games.
- Participation opportunities have expanded over time.
- There are many long term benefits of a proper warm up and cool down.
- Nutrition plays a vital role in performance and recovery.
- Performing movement skills in the correct manner improves overall performance increases the likelihood of participation in lifelong physical activity.
- Understand that movement will improve the performance of specific skills and enable one to transfer skills to a variety of sports and activities.
- Implementing effective offensive, defensive and cooperative strategies is necessary for players to be successful in game situations.
- To gain the maximum benefits of games and sports, everyone must make a commitment to sportsmanship and follow the rules.
- Understand that personal safety strategies reduces injuries to self and others.
- Understand that health-enhancing behaviors contribute to wellness.
- Being consistently aware of the environment and taking safety precautions can reduce the risk of injury to oneself and others.
- Developing self-esteem, resiliency, tolerance and coping skills support social and emotional health.

Essential Questions

- Does having a piece of equipment between you and the object change the relationship between you and the object?
- Does having a net between you and your opponent change the dynamics of the game?
- What role do net sports play in your overall fitness level?
- How does using strategy in racquet/net sports influence performance in competitive games?
- How has racquet sport participation evolved over time?
- What are the benefits of a proper warm and cool down when participating in net sports?
- How does nutrition play a role in net sport performance?
- How does one's role in team net sports impact the social dynamic?

- How do the court boundaries differ between singles and doubles?
- What are the different types of hits called in badminton?
- How many touches are allowed in volleyball?
- How does the height of the net differ between the net sports?

Exit Skills

- Students have a basic understanding of the skills and rules of net games.
- Use effective communication skills and display good character values under challenging situations.
- Develop confidence in gross and fine motor skills to provide a foundation for participation in physical activities.
- Develop and refine gross motor skills.
- Use objects and props to develop spatial and coordination skills.
- Develop problem-solving skills, cooperation, and the ability to trust others.
- Develop in the areas of sportsmanship and teamwork and will also be knowledgeable in game strategies and rules.
- Improve self-esteem and develop a positive attitude toward physical fitness and physical activity.
- Demonstrate the understanding and respect for differences among people in physical activity settings.

New Jersey Student Learning Standards (NJSLS)

HPE.2.2.12.C.1	Analyze the impact of competition on personal character development.
HPE.2.2.12.C.CS1	Individual and/or group pressure to be successful in competitive activities can result in a positive or negative impact.
HPE.2.5.12.A.1	Explain and demonstrate ways to apply movement skills from one game, sport, dance, or recreational activity to another (e.g., striking skills from/to tennis, badminton, ping pong, racquetball).
HPE.2.5.12.A.2	Analyze application of force and motion (weight transfer, power, speed, agility, range of

	motion) and modify movement to impact performance.
HPE.2.5.12.A.4	Critique a movement skill/performance and discuss how each part can be made more interesting, creative, efficient, and effective.
HPE.2.5.12.A.CS1	Movement skill performance is primarily impacted by the quality of instruction, practice, assessment, feedback, and effort.
HPE.2.5.12.B.1	Demonstrate and assess tactical understanding by using appropriate and effective offensive, defensive, and cooperative strategies.
HPE.2.5.12.B.2	Apply a variety of mental strategies to improve performance.
HPE.2.5.12.B.3	Analyze factors that influence intrinsic and extrinsic motivation and employ techniques to enhance individual and team effectiveness.
HPE.2.5.12.B.CS1	Individual and team execution in games, sports, and other activity situations is based on the interaction of tactical use of strategies, positive mental attitudes, competent skill levels, and teamwork.
HPE.2.5.12.C.1	Analyze the role, responsibilities, and preparation of players, officials, trainers, and other participants and recommend strategies to improve their performance and behavior.
HPE.2.5.12.C.2	Develop rule changes to existing games, sports, and activities that enhance safety and enjoyment.
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.2.5.12.C.CS1	Self-initiated behaviors that promote personal and group success include safety practices, adherence to rules, etiquette, cooperation, teamwork, ethical behavior, and positive social interaction.
HPE.2.5.12.C.CS2	Cultural practices regarding physical activity, sports, and games reflect a microcosm of society.
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.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.SL.11-12.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with peers on grades 11–12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
LA.L.11-12.1	Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.
LA.L.11-12.2	Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.
LA.L.11-12.2.B	Spell correctly.
9-12.HS-LS1-7.5.1	Energy cannot be created or destroyed—it only moves between one place and another place, between objects and/or fields, or between systems.
	Numbers and Number Systems
	Statistics and Probability

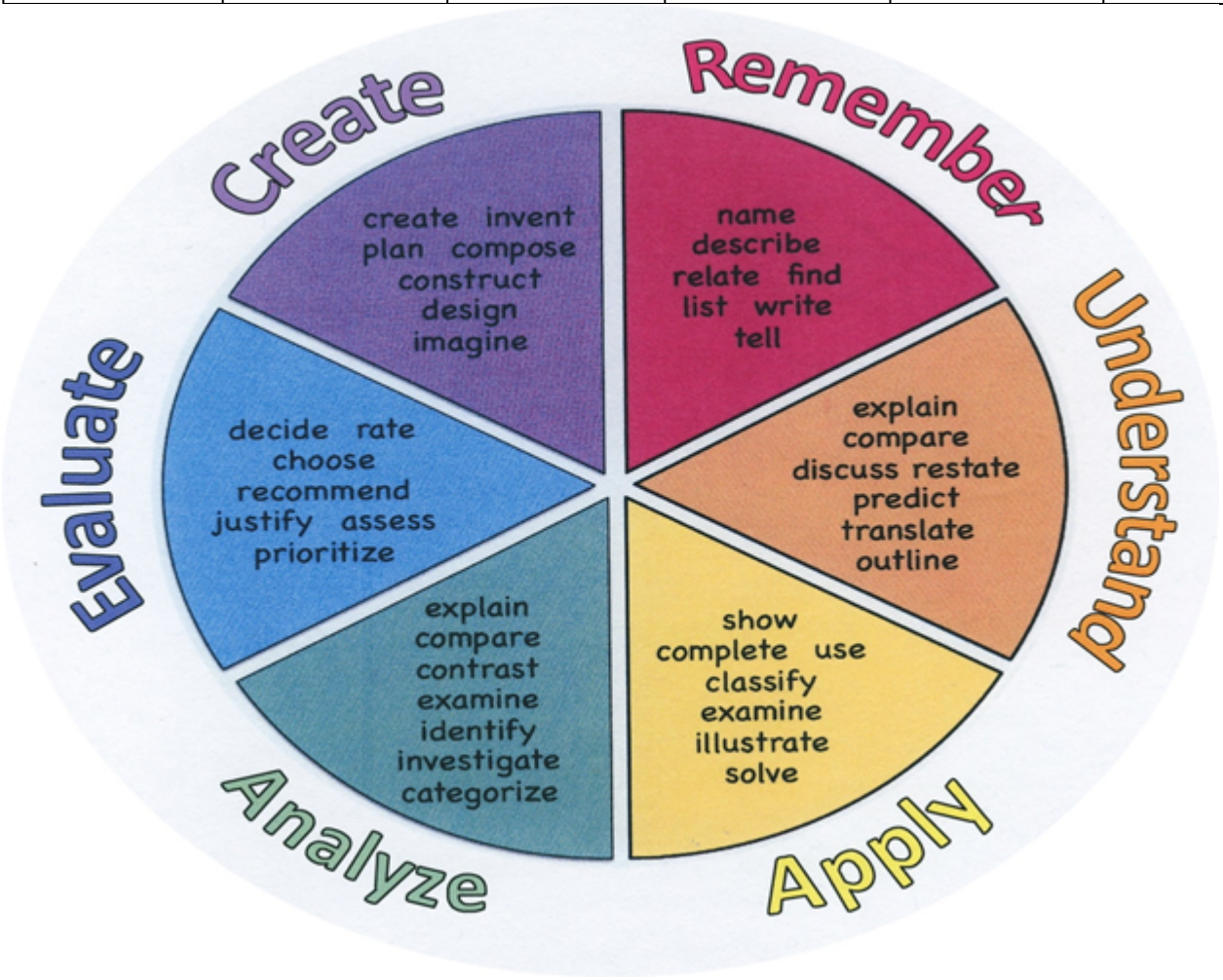
Learning Objectives

- SWDAT Explain how net sports play a role in your overall fitness level.
- SWDAT Analyze how racquet sport participation evolved over time.
- SWDAT Define the benefits of a proper warm and cool down when participating in racquet sports.
- SWDAT Identify the role nutrition plays in net sport performance.
- SWDAT Break down how roles in team net sports impact the social dynamic.
- SWDAT Explain and perform movement skills with developmentally appropriate control in isolated settings and applied settings.
- SWDAT Demonstrate changes in time, force, and flow while moving in personal and general space at different levels, directions, ranges, and pathways.
- SWDAT Correct movement errors in response to feedback.
- SWDAT Demonstrate good sportsmanship. Shake hands, congratulate other team, and promote kindness.
- SWDAT List rules of a game and explain the importance of the rules to the safety of the game.
- SWDAT Use body management skills and demonstrate control when moving in relation to others, objects, and boundaries in personal and general space.
- SWDAT Compare and Contrast his/her role on offense and defense.
- SWDAT Demonstrate an understanding of score keeping.
- SWDAT Determine how attitude impacts physical performance.
- SWDAT Formulate and analyze plays based on different game situations.
- SWDAT Apply strategies into gameplay.
- SWDAT Utilize self-evaluation and external feedback to detect and correct errors in one's movement performance.
- SWDAT Demonstrate offensive, defensive and cooperative strategies.
- SWDAT Compare the roles and responsibilities of players and spectators and make recommendations to enhance sportsmanlike behaviors for both.
- SWDAT Explain why having rules and procedures for specific games, sports and other activities enhance the game, promote participation and ensure the safety of the players.
- SWDAT Relate the origin and rules associated with certain games and sports to different cultures.

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	Represent	Calculate	Diagram	Support	Devise
Point	Restate	Change	Discriminate	Test	Generate
Quote	Rewrite	Classify	Illustrate		Integrate
Recall	Select	Complete	Outline		Prescribe
Recognize	Show	Compute	Point out		Propose
Repeat	Summarize	Discover	Separate		Reconstruct
Reproduce	Tell	Divide			Revise

	Translate Associate Compute Convert Discuss Estimate Extrapolate Generalize Predict	Examine Graph Interpolate Manipulate Modify Operate Subtract			Rewrite Transform



Suggested Activities & Best Practices

- Hitting Drills
- Serving Drills
- Footwork Practice
- Passing Drills
- Defensive Strategies

- Modified Games

Assessment Evidence - Checking for Understanding (CFU)

- 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

- Scoreboards
- Whistles
- Chromebooks (Assignments, Current Events, Etc.)
- Balls (volleyballs, tennis balls)
- Nets
- Courts
- Raquets (tennis, badminton)
- Shuttlecocks

Ancillary Resources

- Sport Ed Model Packet (instructions, rules, roles, etc.)
- Quarterly Exam Review Sheets (one per sport)
- Quarterly Exam (one per sport)
- Current Events Worksheet
- Medical Writing Assignment

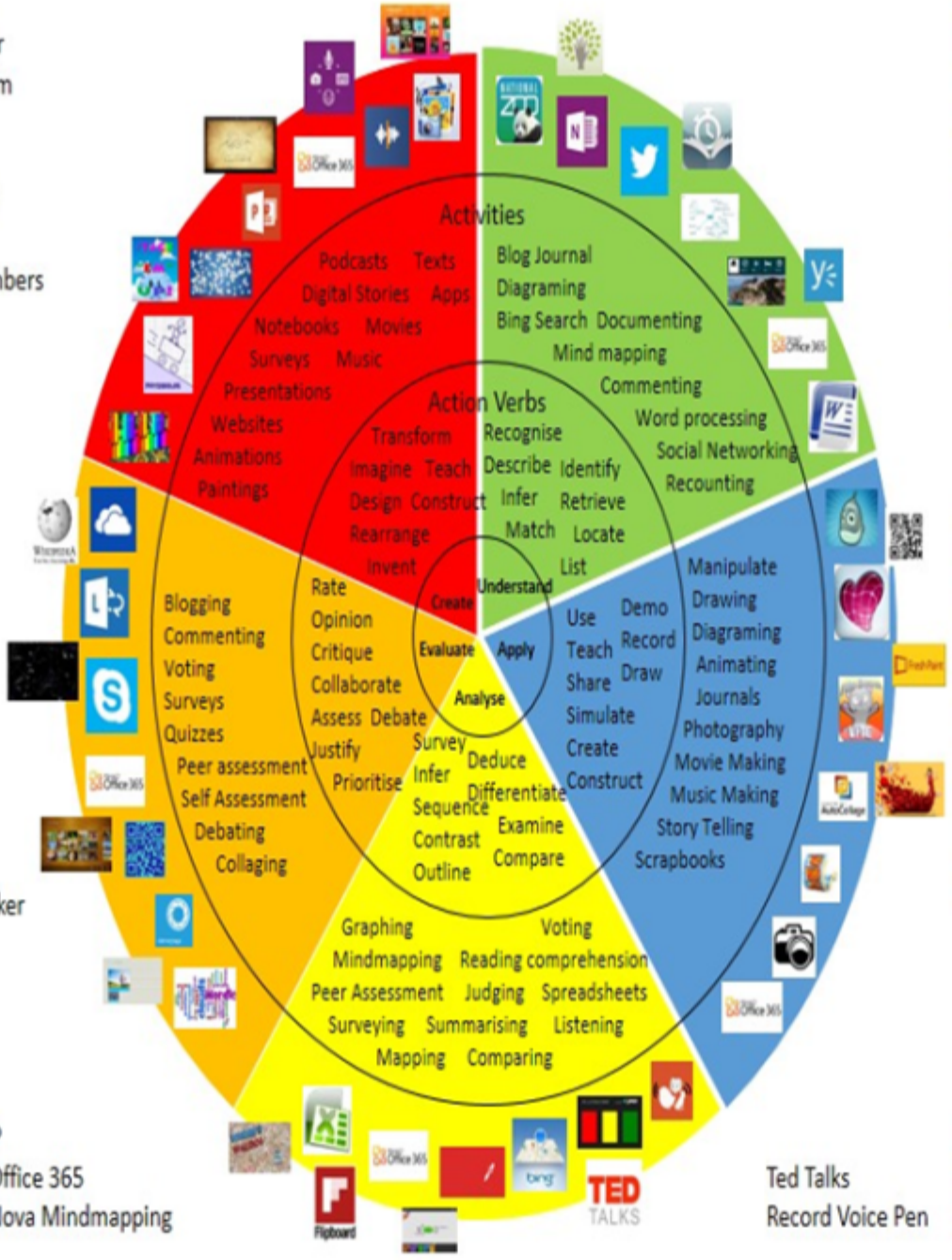
Technology Infusion

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

Win 8.1 Apps/Tools Pedagogy Wheel

Podcasts
Photostory 3
Kid Story Builder
Music Maker Jam
Paint A Story
Office 365
MS PowerPoint
Stack 'Em Up
NqSquared Numbers
Physamajig
Xylophone 8

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



Where's Waldo?
MS Excel Office 365
Flipboard Nova Mindmapping

Ted Talks
Record Voice Pen

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

Alignment to 21st Century Skills & Technology

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	Career Preparation
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.
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.CS2	Communicate information and ideas to multiple audiences using a variety of media and formats.

21st Century Skills/Interdisciplinary Themes

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

21st Century Skills

- Civic Literacy
- Global Awareness
- Health Literacy

Differentiation

Differentiations:

- Small group instruction
- Mini 2v2 modified games
- Post rules and explanation of game throughout the gym
- Demonstrate game/activity
- Youtube videos of professionals playing
- 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
- Sport Ed
- 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
- 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)

- printed copy of board work/notes provided
- additional time for skill mastery
- assistive technology
- behavior management plan
- Center-Based Instruction
- Change and Modify equipment based on skill level
- check work frequently for understanding
- computer or electronic device utilizes
- demonstrate game or activity
- 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
- Post pictures and diagrams of the rules around the gym
- preferential seating
- preview of content, concepts, and vocabulary
- Provide modifications as dictated in the student's IEP/504 plan
- 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)

- teaching key aspects of a topic. Eliminate nonessential information
- using videos, illustrations, pictures, and drawings to explain or clarif
- 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 workpresented 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 ruled and diagrams
- 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

- 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 workpresented 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
- Partnering with peers - Sport Ed model
- providing study guides
- reducing or omitting lengthy outside reading assignments
- reducing the number of answer choices on a multiple choice test
- Smaller courts, bigger rackets, bigger balls/birdies
- 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

Talented and Gifted Learning (T&G)

- 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 plan to solve an issue presented in the class or in a text
- 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
- more competitive, modified games
- Multi-disciplinary unit and/or project
- Sport Ed - Act as coach/trainer
- Teacher-selected instructional strategies that are focused to provide challenge, engagement, and growth opportunities
- Utilize exploratory connections to higher-grade concepts

- Utilize higher level plays and game strategies
- Utilize project-based learning for greater depth of knowledge

Sample Lesson

Unit Name: Badminton

NJSLS: (linked)

Interdisciplinary Connection: language arts literacy

Statement of Objective:

- SWDAT understand and perform proper techniques (forehand, backhand) learned thus far in order to play a modified game of doubles on a smaller court.

Anticipatory Set/Do Now: passing with a partner

Learning Activity: explanation/demo of doubles play, modified game play

Student Assessment/CFU's: student utilizes proper technique during drills, proper application of rules

Materials: badminton rackets, shuttlecocks, badminton info packets

21st Century Themes and Skills: health literacy

Differentiation: by process (linked)

Integration of Technology: use of youtube video clips for reference

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HPE.2.5.12.A.2	Analyze application of force and motion (weight transfer, power, speed, agility, range of motion) and modify movement to impact performance.
HPE.2.5.12.A.3	Design and lead a rhythmic activity that includes variations in time, space, force, flow, and relationships (creative, cultural, social, and fitness dance).
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