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Belleville Public Schools

Curriculum Guide

Comprehensive Health and Physical Education, Grade 10

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.

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 (NJSL)

HE.9-12.2.1.12.PGD.1	Develop a health care plan that includes practices and strategies designed to support an active lifestyle, attend to mental health, and foster a healthy, social and emotional life.
HE.9-12.2.1.12.PGD.2	Predict how healthy and unhealthy behaviors can affect brain development and impact physical, social and emotional stages of early adulthood.
HE.9-12.2.2.12.LF.1	Apply and share a movement and physical fitness vocabulary that is intrinsic to motivate oneself, to impact family, and others in a community.
HE.9-12.2.2.12.LF.2	Develop a sense of openness and willingness when participating in physical fitness activity to share and learn experiences from your own and other cultures.
HE.9-12.2.2.12.LF.3	Examine building to a level of fitness to successfully participate in a range of different physical activities during a lifetime.
HE.9-12.2.2.12.LF.4	Exhibit responsible social behavior by including and cooperating with classmates of all skill levels, assisting when needed, and collaborating respectfully to solve problems in groups, teams, and in pairs during physical activity.
HE.9-12.2.2.12.LF.5	Describe the social benefits gained from participating in physical activity (e.g., meeting someone, making friends, team work, building trust, experiencing something new).
HE.9-12.2.2.12.PF.1	Compare the short- and long-term benefits of physical activity and the impact on wellness associated with physical, mental, emotional fitness through one's lifetime.
HE.9-12.2.2.12.PF.2	Respect and appreciate all levels of ability and encourage with care during all physical activities.
HE.9-12.2.2.12.MSC.1	Explain and demonstrate ways to apply movement skills from one game, sport, aerobics, or recreational activity to another including striking skills (e.g., tennis, badminton, ping pong, racquetball, pickle ball).
HE.9-12.2.2.12.MSC.2	Analyze application of force and motion (e.g., weight transfer, power, speed, agility, range of motion) and modify movement to impact performance.
HE.9-12.2.2.12.MSC.3	Design, lead and critique rhythmic and physical activity that includes variations in time, space, force, flow, and relationships (e.g., creative, cultural, social, aerobics dance, fitness).

HE.9-12.2.2.12.MSC.4	Analyze etiquette, responsibilities, and preparation of players, officials, trainers, and other participants and recommend strategies to improve their performance, participation, and behavior.
HE.9-12.2.2.12.MSC.5	<p>Develop rule changes to existing games, sports, and activities that enhance participation, safety, and enjoyment.</p> <p>The quality of feedback from others, self-assessment as well as effort and repetition influences movement skills, concepts, and performance.</p> <p>Healthy habits and behaviors are created by personal learning experiences, knowledge, beliefs, and goals towards living and maintaining a healthy lifestyle of fitness, self-expression, social interaction, and enjoying movement in a safe and healthy environment (e.g., golf, tennis, badminton, martial arts, bowling, kayaking, ping-pong, cricket, hiking, biking, swimming).</p> <p>Physical and emotional growth often relies on taking personal responsibility for developing and maintaining physical fitness levels that also provide opportunities for self-expression, enjoyment, and emotional satisfaction.</p> <p>Individual and team execution requires interaction, respect, effort, and positive attitude.</p> <p>Advanced technique and concepts will elevate student's confidence, performance, skills, and participation in physical activity (e.g., games, sports, aerobics, fitness activities).</p> <p>The decisions one makes can influence an individual's growth and development in all dimensions of wellness.</p>

Interdisciplinary Connections

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.SL.9-10.6	Adapt speech to a variety of contexts and tasks, demonstrating command of formal English.
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.
9-12.HS-LS1-7.5.1	<p>Energy cannot be created or destroyed—it only moves between one place and another place, between objects and/or fields, or between systems.</p> <p>Numbers and Number Systems</p> <p>Statistics and Probability</p>

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.

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



Suggested Activities & Best Practices

- Hitting Drills
- Serving Drills
- Footwork Practice
- Passing Drills
- Defensive Strategies
- Modified Games
- Historical Athlete Project (Amistad/LGBTQ)
- Field Impact Analysis (Climate Change)

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
- Surveys - 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
 Flipboard
 Office 365
 Nova Mindmapping

Ted Talks
 Record Voice Pen



Originally taken from <http://www.coetail.com/vzimmer/files/2013/02/1Padagogy-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.

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 Model
- 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)

Use of visual aids such as video clips and pictures

Preview of content, concepts, and vocabulary

Have student repeat directions to check for understanding

Use of peer partners

Type rules/regulations packets

Modify activities for better understanding

- 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)

Peer partner/translator

Glencoe Comprehensive Health and Physical Education Virtual Textbook translated materials

Modify content for better understanding

Translated rules/regulations packets

- 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 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

Use of slideshow in conjunction with notes

Peer partners/tutors

Provide study guides

Typed rules/regulations packets

- 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
- 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)

Assign students as peer partners to assist peers

Advanced problem-solving

Opportunities to teach the class

- 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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HE.9-12.2.2.12.MSC.4

Analyze etiquette, responsibilities, and preparation of players, officials, trainers, and other participants and recommend strategies to improve their performance, participation, and behavior.

HE.9-12.2.2.12.MSC.5

Develop rule changes to existing games, sports, and activities that enhance participation, safety, and enjoyment.

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Healthy habits and behaviors are created by personal learning experiences, knowledge, beliefs, and goals towards living and maintaining a healthy lifestyle of fitness, self-expression, social interaction, and enjoying movement in a safe and healthy environment (e.g., golf, tennis, badminton, martial arts, bowling, kayaking, ping-pong, cricket, hiking, biking, swimming).

Physical and emotional growth often relies on taking personal responsibility for developing and maintaining physical fitness levels that also provide opportunities for self-expression, enjoyment, and emotional satisfaction.

Individual and team execution requires interaction, respect, effort, and positive attitude.

Advanced technique and concepts will elevate student's confidence, performance, skills, and participation in physical activity (e.g., games, sports, aerobics, fitness activities).

The decisions one makes can influence an individual's growth and development in all dimensions of wellness.