Secondary Curriculum Maps



Cumberland Valley School District Soaring to Greatness, Committed to Excellence

High School Health and PE

Nutrition Curriculum Map

CV Priority Standard/PA Academic Standard

10.1.12B. Evaluate factors that impact the body systems and apply protective/preventive strategies.

- fitness level
- health status
- nutrition

10.1.12 C. Analyze factors that impact nutritional choices of adults.

- cost
- consumer skills (e.g., understanding food labels, evaluating fads)
- nutritional knowledge
- changes in nutritional requirements (e.g., age, physical activity level)

Taught in Unit(s)

Macro Nutrients, Healthy eating, My Plate, Calorie Plan, Caloric intake/expenditure, technology to help with personal nutrition, fad diets, supplements, FDA regulations, energy drinks, weight management programs

Explanation/Example of Standard

Students will evaluate their diet and exercise choices and the impact those may have on their health. Students will explore topics revolving around nutrients and the role those play on their personal nutrition as well as different types of technology and how it can help them track their caloric intake and expenditure. Additionally students will learn about different supplements and trends that they may encounter when researching about weight loss or management. They will practice identifying if these programs/products are effective and safe or if they are ineffective and nutritionally unsound. By the completion of the unit, students will be able to effectively analyze multiple aspects of nutrition and determine how their health is or will be affected.

Common Misconceptions

Fad diets are effective ways of managing weight, all teenagers should be eating the same amount of calories, Fat is unhealthy and you should not consume it. All supplements are safe.

Big Idea(s)	Essential Question(s)
Students will gain a better of understanding of the nutrients in their food and what role those nutrients play in their body.	How can my choices about nutrition impact my overall wellness?
Students will analyze common misconceptions of fat.	What are physical and mental impacts of diet-related diseases and disorders?
Students utilize different forms of technology to determine their proper caloric intake, track their intake and expenditure.	How can my diet choices impact my overall health?

Students will compare and contrast different supplements, energy drinks and fad diets to determine its impact on their bodies.

Students will share in education each other about the nutrients and diet trends via unit projects.

What nutrients provide my body with energy? Muscle growth? Hydration? System maintenance?

What are the different kinds of fat? Should I be eating fat?

Am I eating the right amount of calories? What changes have been made to the "food guide pyramid?"

What is the difference between portion size and serving size? How do they both impact my caloric intake?

Assessments

See unit map for specific unit common assessments

Concepts		Skills
(what students need to know)		(what students must be able to do)
The 6 major nutrients		Describe the role of each nutrient
The role that each nutrient plays in our		Analyze the different kinds of fat and effects it
bodies		has on the body.
The different kinds of fat		Demonstrate understanding of the food label
Different components of a food label		by identify the different nutrients as well as
Definition of caloric intake		explaining the meaning of % daily value
My Plate from USDA		Utilize the USDA website to find identify their
Serving Size		caloric intake and evaluate what their calorie
Portion Size		plan means.
Caloric intake		Compare/Contrast the old FGP to My Plate
Caloric Expenditure		Explain the difference between portion size
Serving Size/Portion Size		and serving size.
How to access different apps and websites		Define caloric intake and expenditure.
for nutrition and exercise purposes		Describe the importance of knowing the
How to use the website to log their caloric		serving size and one's portion size when
intake and expenditure		utilizing a nutrition app
Definition of a fad diet		Access different nutrition related
Definition of a weight management		apps/websites that can help them with their
program		diet and exercise habits
FDA		Identify a fad diet
Regulations about supplements		Determine if a particular diet or program is
Energy drinks		safe and nutritionally balanced
Stimulants		Describe what the FDA is and how they
Amino Acids		regulate supplements
		Identify key and potentially dangerous
	l	ingredients in an energy drinks

	Define the terms energy drink, stimulant and
	amino acid.

Wellness 1 Curriculum Map

CV Priority Standard/PA Academic Standard

- 10.1.9.A- Analyze factors that impact growth and development between adolescence and adulthood.
 - relationships (e.g., dating, friendships, peer pressure)
 - interpersonal communication
- 10.1.9.D- Analyze prevention and intervention strategies in relation to adolescent and adult drug use.
 - decision-making/refusal skills
 - situation avoidance
 - goal setting
 - professional assistance (e.g., medical, counseling. support groups)
 - parent involvement
- 10.2.9.D- Analyze and apply a decision-making process to adolescent health and safety issues.
- 10.2.9.C- Analyze media health and safety messages and describe their impact on personal health and safety.
 - group dynamics
 - social pressure

Taught in Unit(s)

Dimensions of Wellness-Students will learn how 8 different dimensions of wellness can be relevant to their lives as teenagers.

Wellness Continuum- Students will how the choices they make as teenagers can impact their wellness on multiple levels. Those choices can have a positive or negative impact moving them along the Wellness continuum.

Explanation/Example of Standard

Students will analyze how the health and safety of teenagers are impacted by the choices they make. This will be accomplished using the 8 dimensions of wellness and the wellness continuum.

Common Misconceptions

Wellness is not relevant to our youth. Wellness is associated with the absence of disease. Spiritual wellness is affiliated with a religion. There are only three dimensions to wellness.

Big Idea(s)	Essential Question(s)
The 7 dimensions of wellness we will explore and make applicable to teenagers entering high school are: social, physical, emotional, occupational (student based), intellectual, spiritual (not religious), environmental. Using 21st century learning skills, we will analyze a large amount of quality information to help us determine how these dimensions relate to one another and can impact us in negative and positive ways.	How can the choices we make today, influence our future health and happiness? How do our choices impact different the dimensions of Wellness in positive and negative ways?
Assess	ments
Wellness Dimensions Group Project- a student centered group project in which students create a product of their choosing to prove their learning.	Wellness Impact Assessment- Students create a way to show how choices we make impact our wellness. This student created project will be relevant to the wellness of teenagers at Cumberland Valley High School.

Concepts	Skills
(what students need to know)	(what students must be able to do)
The dimensions of a whole body wellness continuum. How to analyze the impact of different components of wellness. How to synthesize this quality information to formulate their interrelatedness. How to synthesize large amounts of information and make it relevant to a specific population and perspective.	Defining 8 dimensions of wellness Analyzing dimensions of wellness as they apply to youth Students are able to synthesize information and apply the connections between dimensions of wellness to support a perspective.

Wellness 2 Curriculum Map

CV Priority Standard/PA Academic Standard

- 10.2.12.E Analyze the interrelationship between environmental factors and community health.
- · individual choices/maintenance of environment
- · health status
- 10.1.12.B Evaluate factors that impact the body systems and apply protective/preventive strategies.
- · fitness level
- · environment (e.g., pollutants, available health care)
- · health status (e.g., physical, mental, social)
- nutrition

Taught in Unit(s)

Dimensions of Wellness Review, Information Literacy, Critical Thinking and Problem Solving, Personal Synthesis of Wellness

Explanation/Example of Standard

Students will be take a personal journey in creating their perspective about a specific topic of a dimension of Wellness. They will use information literacy skills to develop a research based opinion about the topic of their choosing. The topic would be a synthesis of multiple sources and made relevant to their teenage life.

Common Misconceptions

General google search provides quality information, summarizing information from one source is sufficient research, my choices now will not impact my future

Big Idea(s)	Essential Question(s)
Dimensions of Wellness	
Information Literacy Critical Thinking Problem Solving Skills	How can the choices you make about your health impact you now and in the future? How can I use 21st century skills to find quality information regarding my health?
Assessi	nents 👇

See unit map for specific unit common assessments

Concepts	Skills
(what students need to know)	(what students must be able to do)
Dimensions of a whole body wellness continuum	Define each dimension of wellness
The impact of dimensions on each other	Analyze each dimension and their impact
Locating quality resources on wellness information	Use quality information accurately
Synthesize information from a variety of quality	Use the interest to find sources that are quality and
sources on wellness information	age appropriate reading material
Identify topics that are related to choices they make.	Find legitimate answers to wellness related
Synthesize quality information to gain perspective	questions.
on their own wellness	Apply quality information relative to a topic related
	to a choice they make.,
	Formulate their own perspective of wellness using
	quality sources of information
	Create a product that demonstrates their learning
	and perspective of wellness.

Fitness 1 Curriculum Map

CV Priority Standard/PA Academic Standard

10.4.9.A- Analyze and engage in physical activities that are developmentally/ individually appropriate and support achievement of personal fitness and activity goals.

10.5.9.D- Identify and describe the principles of training using appropriate vocabulary. (Specificity, Overload, Progression, etc...)

Taught in Unit(s)

Fitness Concepts, Creating a Positive Fitness Environment, Body systems and their responses to activity, Choosing appropriate activities

Explanation/Example of Standard

Students will analyze and apply the training principles as they explore the different activities and facilities available to them at the high school.

Common Misconceptions

Negative connotation towards fitness, skinny doesn't mean fit, athletes know everything about fitness

Big Idea(s)	Essential Question(s)
A variety of factors impact physical activity	How can physical activity choices impact my life as
preferences during adolescence.	an adolescent?
Training principles identified by specific vocabulary	
impact the effectiveness of a fitness program.	How would you evaluate your physical activity
Proper use of equipment and safety within our	choices and the way they affect your ability to
facilities	achieve your fitness goals?
Creating a positive fitness environment. Social	
aspects of exercise, understanding individual	How can incorporating the training principles
differences, helping other to be successful, and being	enhance fitness levels?
self aware	
	How can I create a positive fitness environment
	for myself and others?

Assessments

See unit map for specific unit common assessments: Pretest, posttest, skills practical (skills) test, quizzes, self reflection

Concepts	Skills
(what students need to know)	(what students must be able to do)
Health and skill related components of fitness	
Training principles	Proper form and technique when using equipment
Goal Setting and knowing limits in facilities	Tracking perceived exertion
Aerobic and anaerobic exercise	Engage in safe practices in all facilities
Rate of perceived exertion scale	Applying training principles to self selected activities
Safety Rules in facilities	Creating a positive fitness environment for self and
Self awareness	others.
Empathy	
Positive Fitness Environment	
How the major body systems function	

Fitness 2 Curriculum Map

CV Priority Standard/PA Academic Standard

- **10.3.12.D-** Evaluate the benefits, risks and safety factors associated with self-selected lifelong physical activities.
- **10.4.12.B-** Analyze the effects of regular participation in a self-selected program of moderate to vigorous physical activities.
- social
- physiological
- · psychological
- 10.4.12.F-Assess and use strategies for enhancing adult group interaction in physical activities.
- shared responsibility
- open communication
- goal setting

Taught in Unit(s)

Review of fitness concepts, Benefits of regular exercise, SMART goal setting, Positive fitness environment, strength training

Explanation/Example of Standard

Students will evaluate the benefits of regular participation in activity. Through self reflection, students will determine what benefits from exercise would motivate them to participate regularly. Students will then go through the process of SMART goal writing and create well thought out and specific goals to achieve the results and benefits they desire. Finally, classes will share facilities responsibly, creating a positive fitness environment. They will help one another in taking the first steps towards reaching the goals they created.

Common Misconceptions

Only athletes can benefit from strength training, weight lifting will make you gain large amounts of muscle mass, the weight room is a judgemental intimidating place

Big Idea(s)	Essential Question(s)
Students will build their knowledge of the training	
principles and fitness components.	How can I be an active participant of a positive
Students will internalize and apply these concepts	fitness environment?
to their personal lives.	What benefits of exercise will motivate me to lead an
By applying these concepts they will be able to	active lifestyle?
achieve the benefits of exercise they wish to earn. Students will become well versed in writing specific measurable goals. Students will learn how they can be a part of a positive fitness environment Students will expand their knowledge and skill level on strength training and proper use of our facilities.	How do I reach my personal fitness goals?
Asses	sments
See unit map for specific unit common assessments	
Concepts (what students need to know)	Skills (what students must be able to do)

Skill related components of fitness

Health Related Components of fitness

Training principles

Problem solving

Critical thinking

Social benefits of exercise

Mental benefits of exercise

Physical benefits of exercise

Academic benefits of exercise

Stress

Disease prevention

Body Composition Changes

Energy systems

How the body burns fuel to move

SMART acronym

How to establish a baseline

ABC's of goal setting

Benefits of exercise

Stages of change

Types of support

Access to and appropriate activities

Types of strength training

Results gained through different training methods

Creating a positive fitness environment

Being self aware and resilient

Using the right foods in the right portions to fuel

results

Major muscle group location and actions

Joint actions

Use the fitness concepts to analyze preferred activities

Use fitness concepts to plan appropriate activities to enhance exercise experience

Regular participation in exercise

Improved focus in classes

Reduced stress levels

Learn how to create positive healthy changes in body composition

Improved sleep

Safety in the weight room

Safety in the Cardio room

Proper use of equipment

Apply the SMART acronym to their own fitness

related goal

Determine their own baseline when starting to work

toward their goal

Apply the ABC's of goal setting to their own goal

plan.

Demonstrate understanding of the different stages of

change

Identify their own stage of change

Identify benefits of exercise that would motivate

them to exercise

Proper form and technique for weight lifting

Proper use of equipment

Safety in the weight room

Become more self aware

Become more empathetic towards others

Designing and taking steps towards reaching

personal goals.

Understanding of the perseverance needed to see

desired results

Adventure Education Curriculum Map

CV Priority Standard/PA Academic Standard

10.2.12.E. Analyze the interrelationship between environmental factors and community health. • public health policies and laws/health promotion and disease prevention • individual choices/maintenance of environment • recreational opportunities/ health status 10.3.12.D Evaluate the benefits, risks and safety factors associated with self-selected life-long physical activities.

10.4.12.F Assess and use strategies for enhancing adult group interaction in physical activities. • shared responsibility • open communication • goal setting

10.5.12.F Analyze the application of game strategies for different categories of physical activities. \bullet individual \bullet team \bullet lifetime \bullet outdoor

Taught in Unit(s)

Team Building, Hiking and Backpacking, Water Adventure, and Outdoor Pursuits

Explanation/Example of Standard

This course is designed to give the student the necessary skills to pursue outdoor adventure sports safely and confidently. Students will experience a variety of outdoor units including hiking/backpacking, canoeing/kayaking, rock climbing, mountain biking, and team building. The units will prepare the student with the necessary skills to participate in these activities, how to prepare physically to meet the demands of these activities, how to work together to enjoy these activities, and where to go to enjoy these activities.

Common Misconceptions

Outdoor education is not safe. Outdoor education is not for the traditional athlete.

Big Idea(s)	Essential Question(s)
Using gear safely and correctly	Why is support from the group important when
Working cooperatively to reach goals	trying something new?
The skills needed to safely and effectively participate	How can having fun help you to learn?
in the selected activities.	What makes a group that reaches its goals
The training and fitness needed to safely and	successful?
effectively participate.	What skills must I learn to be able to enjoy a
The impact we have on the environment.	camping trip?
The impact the environment has on us.	How can camping impact my life?
	How can I minimize my impact on the natural world?
	How do I connect with nature?
	How do I use a map and compass to follow a route?
	How do I use a GPS to mark waypoints and find my
	target destination?
	How can navigation skills help me in my everyday
	life?
	Why do I want to have a backcountry experience?
	How can the proper equipment make my experience enjoyable?
	What skills do I need to master in order to be fully
	prepared for a wilderness experience?
	What skills must I learn to safely and successfully
	engage in paddle powered boating?
	How can learning these skills create a positive
	adventure experience?

	How do I stay safe and have fun while paddling on
	flatwater and whitewater?
	How do I choose the right equipment for me?
	How do I maintain my bike?
	What skills must I master to enjoy riding a mountain
	bike on the trails?
	How can I help mountain biking in our area?
	How can understanding thermoregulation help me
	to stay safe and comfortable in the outdoors?
	What will happen if I do not stay properly hydrated?
	How do I maintain my energy level during a
	prolonged outdoor experiences?
	What are the hazards I need to be aware of and how
	do I avoid putting myself in harm's way?
	What is the most appropriate risk model to apply in
	my situation?
	What are the procedures for responding correctly in
	emergency situations?
	How do I become more efficient and accurate
	throwing a disc?
·	How can I help my team be successful in Ultimate
	Frisbee?
	When and where can I use my disc skills outside of
	school?
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Assessments

See unit map for assessment names and assessment folder to view assessments

Concepts	Skills
(what students need to know)	(what students must be able to do)
Personal Readiness	Respectfully communicating in a group
Social Responsibility	Cooperating with others to accomplish a group goal
Leadership	Establish group goals through effective
Group Goals	communication
Cooperation	Create a positive environment to learn and share
Communication	Push comfort zones
Fun	Have fun so learning can take place
Risk taking	Leadership skills
Full Value Contract	Camp site selection
Social skills and etiquette of camping	Knots and ropes
Risk management of camping in groups	Building and setting up shelters
Proper use and care of equipment	Making fires and using stoves
Safety	Food preparation and menu planning
Navigation skills	Trip planning
Ethical practices in wilderness	To properly hold and orient a map
No trace camping	Identify parts of the compass
Fitness training for hiking/backpacking	Know directions and degrees on compass dial
Trip preparation	To follow a bearing using a compass
Parts of canoe and kayak	To read a topographical map
Strokes for maneuvering watercraft	To use a UTM grid
Flat water boating	To use a GPS
Whitewater boating	Selecting the proper equipment

Bike maintenance/parts

Environmental awareness

Riding in groups

Mountain biking etiquette

Where to ride

Thermoregulation

Heat loss/production

Hydration

Energy management/Caloric intake

Water purification

Eye, foot, and skin care

Land hazards

Water hazards

Weather hazards

Emergency procedures

Risk management plans

Wilderness first aid

Throwing a disc

Catching a disc

Disc golf rules and strategies

Where to do disc activities in our area

Ultimate Frisbee rules and strategies

Train for hiking/backpacking

Fire building and lighting

Setting up camp Preparing meals

No trace camping and personal care in camp

Hiking /backpacking on a trail Paddling (strokes) technique

Entering and exiting the canoe/kayak

Rescues

Selecting the correct equipment

Bike maintenance

Sizing bike and safety gear

Identifying and maintaining parts of bike

Changing gears efficiently

Ascending and descending hills with and without

obstacles.

Hopping logs and other obstacles

Riding safely

Proper layering of clothes

Skills to stay warm-fire, shelter, avoid prolonged

exposure

Staying properly hydrated

Purifying water

Appropriate amounts of calorie intake

Nutritious meal planning

Proper care of blisters, skin, and eyes

Understanding and reading different hazards

Rescues in a variety of conditions

Applying risk models

Reading the weather

Backhand throws

Forehand Throws

Overhead throws

Catching the dic

Playing disc golf

Scoring for disc golf

Team strategies for Ultimate

Playing offense in Ultimate

Playing defense in Ultimate

Aquatics Curriculum Map

CV Priority Standard/PA Academic Standard

10.4.9

- A. Analyze and engage in physical activities that are developmentally/ individually appropriate and support achievement of personal fitness and activity goals.
- D. Analyze factors that affect physical activity preferences of adolescents, skill competence, social benefits, previous experience, activity confidence

10.5.9

A. Describe and apply the components of skill-related fitness to movement performance.

- agility
- balance
- coordination
- power
- reaction time
- speed

Taught in Unit(s)

Swimming, Mask, Fin, and Snorkel, Canoeing

Explanation/Example of Standard

Students will learn to be water safe, boating safety, canoeing skills, snorkeling skills.

Common Misconceptions

Big Idea(s)	Essential Question(s)
Safety in and around water	What are the parts of the canoe and the paddle?
Technique for swimming strokes and floats	How do I know if the paddle is the proper size?
Swimming for fitness	How do you properly enter and exit the canoe?
Canoeing skills	How is a throw bag used in rescue?
Boating safety	What can you do if your canoe capsizes?
Snorkeling skills	What are the 6 paddling strokes used in canoeing
	and how do they move the canoe?
	Why are PFD's important?
	How does hypothermia affect you?
	What are the effects of alcohol and
	boating/hypothermia?
	What hazards may be encountered when paddling
	on moving water?
	How do you size, put on and kick with fins?
	What is the proper method for choosing and putting
	on a mask?
	How do you adjust a mask which leaks?
	How do you defog a mask?
	How do you clear water our of snorkel?

Who do you perform the step in and the forward roll entries? What are the 2 surface dives and when you use them? What is natural buoyancy level? Do you float like an ice cube or a ball? Why do we stay at natural buoyancy level while changing position? Why do we stay at natural buoyancy level when propelling? How does streamlining affect your movement in the water? Why is treading more difficult than floating? How do you workout using interval training? How do you use a pace clock? Why do you you use circle swimming in a workout? What factors determine how efficiently you swim?

Assessments

See unit map for specific unit common assessments

Concepts	Skills
(what students need to know)	(what students must be able to do)
How to safely operate a canoe along with water	Size, put on and kick with fins
safety and rescue techniques	Know how to properly choose and put on a mask
What skills and knowledge are needed to effectively	Be able to adjust a mask that may leak
and safely participate in snorkeling.	Be able to clear water out of a snorkel
Equipment: fins for propulsion, mask for	Know how to and be able to perform one of the 2
clear vision, snorkel for breathing while	entries taught in class
keeping face in the water	Know and perform the 2 surface dives and when
Surface dives/entries	they are to be used
Natural Buoyancy Level	Being able to find ones buoyancy level and stay at
Floating	that level while swimming
Change of Position	Be able to float at natural buoyancy level
Propulsion	Be able to move through the water at natural
Streamlined Push-off	buoyancy level
Treading	Be able to gain momentum and save energy with a
Efficient Swimming	push-off
Interval Training	Be able to keep head above water while treading
Pace Clock	Be able to move through the water efficiently
Circle Swimming	Be able to explain and perform interval training in the pool
	Be able to use the pace clock for pool workouts
	Be able to perform circle swimming
	I can size, put on and kick with fins.
	I can find the correct size mask for me and put it on
	properly.
	I can adjust my mask if it leaks.
	I can defog a mask.
	I can clear my snorkel of water at least one of the 2
	methods taught in class.

successfully. I can perform the 2 surface dives and know when to each of them.
