Science Observations of the Environment				
Strand	Торіс	Content Statements	Item Number	Resource Title
	Daily and Seasonal Changes	K.ESS.1: Weather changes are long-term and	24054	Changing Weather
Earth and Space	This topic focuses on observing,	shortterm.	21530	What Is the Weather?
Science	exploring, describing and comparing weather changes, patterns in the sky and changing seasons.	K.ESS.2: The moon, sun and stars can be observed at different times of the day or night.	21529	Here Comes the Sun
	Properties of Everyday Objects and Materials This topic focuses on the production of sound and on observing, exploring, describing and comparing the properties of objects and materials with which the student is familiar.	K.PS.1: Objects and materials can be sorted and described by their properties.	21525	l Spy
			21535	Sort It!
Physical Science			21526	Tell Me About It
		K.PS.2: Some objects and materials can be made to vibrate and produce sound.	28864	Making Music
			21564	How Sound Moves
		K.LS.1: Living things have specific characteristics and traits.	24139	Good Work: Plant Life
			24149	Marvelous Me: My Feet
	Physical and Behavioral Traits of		21523	What Do Living Things Need
Life Science	Living Things This topic focuses on observing,		21563	All in the Family
	exploring, describing and comparing living things in Ohio.		24060	Always Growing: Skin
		K.LS.2: Living things have physical traits and behaviors, which influence their survival.	28847	Learning about Sharks
			28848	Building a Beaver Lodge

Social Studies A Child's Place in Time and Space				
Strand	Торіс	Content Statements	Item Number	Resource Title
		1. Time can be measured	18339	We Go to School
	Historical Thinking and Skills	2. Personal history can be shared through stories and pictures.	18338	Life at Home
History		3. Heritage is reflected through diverse cultures and is shown through the arts, customs, traditions, family celebrations and language.	18341	Giving Thanks
	Heritage	4. Symbols and practices of the United States include the flag, Pledge of Allegiance and the National Anthem. Other nations are represented	18340	Meet Lady Liberty
		by symbols and practices too.	24055	Grand Old Flag
	Spatial Thinking and Skills	5. Terms related to direction and distance, as well as symbols and landmarks, can be used to talk about the relative location of familiar places.		
		6. Models and maps represent real places.	18346	Map It!
Geography	Human Systems	 Humans depend on and impact the physical environment in order to supply food, clothing and shelter. 	21528	Nature Made
		8. Individuals are unique but share common characteristics of multiple groups.	18345	I Am a Good Friend
	Civic Participation and Skills	9. Individuals share responsibilities and take action toward the achievement of common goals in homes, schools and communities.	18344	I Am a Good Citizen
			24145	Workers at My School
Government		10. The purpose of rules and authority figures is	24146	Workers in My City
	Rules and Laws	to provide order, security and safety in the home, school and community.	18343	Rules at School
			18342	Rules at Home
Economics	Scarcity	11. Individuals have many wants and make decisions to satisfy those wants. These decisions impact others.		
Economics	Production and Consumption	12. Goods are objects that can satisfy an individual's wants. Services are actions that can satisfy individual's wants.	28856	Pulling Taffy

	Engagement Fiction, Culturally Relevant, Social-Emotional, Free Spirit				
Fiction	Culturally Relevant	Social-Emotional	Item Number	Resource Title	
Х			101676	At the Bakery	
Х			101677	Fun with Blocks	
Х			101678	On a Hot Day	
Х			101687	Weather Wear	
Х			101688	In Her Workshop	
		Х	121651	Good People Everywhere	
		Х	14570	My Big Family	
		Х	28002	The Best You: Win or Lose	
Х	Х		16456	Splash Down!	
Х	X	Х	16452	Max	
	Х	Х	28004	Outside the Box: Like a Family	
Х		Х	899811	Zach Gets Frustrated	
Х		Х	899192	Feeling Jealous!	
Х	Х	Х	899391	Lulu and the Hunger Monster ™	
Х		Х	899038	All You Can Imagine	



		Science		
		Observations of the Environment	t	
Strand	Торіс	Content Statements	Item Number	Resource Title
		1.ESS.1: The sun is the principal source of	21570	Our Sun
E (1) O	Sun, Energy and Weather This topic focuses on the sun as a	energy.	28873	Powered by the Sun
Earth and Space Science	source of energy and energy changes		14576	Water
	that occur to land, air and water.	1.ESS.2: Water on Earth is present in many forms.	28874	Studying Snowflakes
			12417	Evaporation
			21568	How Heat Moves
	Motion and Materials	1.PS.1: Properties of objects and materials can	12417	Evaporation
	This topic focuses on the changes in	change.	12419	Melting and Freezing
Physical Science	properties that occur in objects and materials. Changes of position of an		12418	Solids
	object are a result of pushing or pulling.	1.PS.2: Objects can be moved in a variety of ways, such as straight, zigzag, circular and back and forth.		
			24052	Pushes and Pulls
	Basic Needs of Living Things This topic focuses on the physical	1.LS.1 Living things have basic needs, which are met by obtaining materials from the physical environment.	24052	What Makes a Plant?
			21562	Growth and Change
Life Science	needs of living things in Ohio. Energy from the sun or food, nutrients, water,	1.LS.2: Living things survive only in environments that meet their needs.	14595	Staying Healthy
	shelter and air are some of the physical		14577	How Plants Grow
	needs of living things.		14591	Going Buggy!
			28869	Being Like Butterflies
	Ferr	Social Studies	J Deer	
Strand	Торіс	ilies Now and Long Ago, Near and Content Statements	Item Number	Resource Title
Strallu	Topic	1. Time can be divided into categories (e.g.,	item numper	Kesource fille
	Historical Thinking and Skills	months of the year, past, present and future).	9371	Firefighters Then and Now
History		2. Photographs, letters, artifacts and books can		
- ,		be used to learn about the past.	17970	What Makes a Family?
	Heritage	 The ways basic human needs are met have changed over time. 	9377	Farmers Then and Now
		4. Maps can be used to locate and identify	17975	Getting Around Town
	Spatial Thinking and Skills	places.	14600	Places Around the World

		5. Places are distinctive because of their	14598	Homes Around the World
	Places and Regions	physical characteristics (land forms and bodies	14600	Places Around the World
Geography		of water) and human characteristics (structures		
••••		built by people).	14574	Land
		Families interact with the physical environment differently in different times and		
		places.	17970	What Makes a Family?
	Human Systems	7. Diverse cultural practices address basic	17970	What makes a Failing?
		human needs in various ways and may change		
		over time.	14592	Make Papel Picado
		8. Individuals have responsibility to take action		
		toward the achievement of common goals in		
	Civic Participation and Skills	homes, schools and communities and are		
		accountable for those actions.	17971	Respect the Rules!
Government		9. Collaboration requires group members to		
		respect the rights and opinions of others.	17973	Be a Good Leader!
	Dulas and Laws	10. Rules exist in different settings. The		
	Rules and Laws	principles of fairness should guide rules and the	47070	Who Makaa tha Bulaza
		consequences for breaking rules. 11. Wants are unlimited and resources are	17972	Who Makes the Rules?
	Scarcity	limited. Individuals make choices because they		
	Courterly	cannot have everything they want.	17977	Saving and Spending
Feenemiee	Production and Consumption	12. People produce and consume goods and services in the community.	17980	Jobs Around Town
Economics			17978	Goods and Services Around Town
	Markets	13. People trade to obtain goods and services		
	Markets	they want.	17977	Saving and Spending
	Financial Literacy	14. Currency is used as a means of economic		
		exchange.	17979	Earning Money
		Engagement		
	Fiction, C	ulturally Relevant, Social-Emotiona	al, Free Spirit	
Fiction	Culturally Relevant	Social-Emotional	Item Number	Resource Title
Х			120497	Queen Bea
X			120498	Race Day
X			120501	Shake Your Tail Feathers
X X			120571 120574	Oh, Rats!
× X		X	120500	Penguins Take Flight Tail Tales
~		<u> </u>	14596	Keeping Fit with Sports
		X	28008	Communicate! How You Say It
Х	Х	Х	120572	Nani's Birthday Surprise
Х	X		120577	Ling's Giant Mooncake
	Х		29630	America Then and Now
		X	899159	Ease the Tease
		X	899394	Make a Friend, Be a Friend
		X X	899494 899848	Say Hi When You're Shy Yay! You Failed
		Å	099040	Tay: TOU Falleu



		Science		
		Observations of the Environmen	t	
Strand	Торіс	Content Statements	Item Number	Resource Title
Earth and Space	The Atmosphere This topic focuses on air and water as	2.ESS.1: The atmosphere is primarily made up of air.	14631	Our Earth
Science they relate to weather	they relate to weather and weather	2.ESS.2: Water is present in the atmosphere.	21612	Water Cycle
	changes that can be observed and measured.	2.ESS.3: Long- and short-term weather changes occur due to changes in energy.	14614	Tempdage and Utuming and
	Changes in Motion	changes occur due to changes in energy.	14614	Tornadoes and Hurricanes!
Physical Science	This topic focuses on observing the relationship between forces and	2.PS.1: Forces change the motion of an object.	21604	Forces
	motion.		21607	Motion
			14628	Step into the Forest
	Interactions within Habitats	2.LS.1: Living things cause changes on Earth.	21600	Ecosystems
	cience This topic focuses on how ecosystems work by observations of simple interactions between the biotic/living and abiotic/nonliving parts of an ecosystem. Just as living things impact the environment in which they live, the environment impacts living things.		21599	Interdependence of Living Things
			21611	Weathering and Erosion
			21602	Environment: A World of Change
		2.LS.2: All organisms alive today result from their ancestors, some of which may be extinct. Not all kinds of organisms that lived in the past are represented by living organisms today.	28877	Bones on Display
		Social Studies People Working Together		
Strand	Торіс	Content Statements	Item Number	Resource Title
		1. Time can be shown graphically on calendars and timelines.	14639	Count Me In! What's for Lunch?
	Historical Thinking and Skills	2. Change over time can be shown with artifacts, maps, and photographs.	17989	Declaring Our Independence
History		3. Science and technology have changed daily	14620	Build It: Skyscrapers
· ····································		life.	28883	Creative Machines
	Heritage		12590	César Chávez
		4. Biographies can show how peoples' actions have shaped the world in which we live.	12603	Harriet Tubman: Leading Slaves to Freedor
			18004	Amazing Americans: Abigail Adams
	Spatial Thinking and Skills	5. Maps and their symbols, including cardinal directions, can be interpreted to answer questions about location of places.	17999	Mapping Our Nation

		6. The work that people do is impacted by the		
	Places and Regions	distinctive human and physical characteristics		
	Flaces and Regions	in the place where they live.	14000	A Visit to a Farm
Coornershi			14608	A VISILIO A FARM
Geography		7. Human activities alter the physical	1 1 0 0 0	
		environment, both positively and negatively.	14630	Step into the Rainforest
		8. Cultures develop in unique ways, in part		
	Human Systems	through the influence of the physical		
		environment.	14610	Next Stop: Mexico
		9. Interactions among cultures lead to sharing		
		ways of life.	17998	Immigration Stories
		10. Respect for the rights of self and others		
		includes making responsible choices and being		
	Civic Participation and Skills	accountable for personal actions.	17996	I'll Lead the Way!
Government		11. Groups are accountable for choices they		
		make and actions they take.	17995	You Can Count on Me!
	Rules and Laws	12. There are different rules and laws that		
		govern behavior in different settings.	17994	You and the Law
	Economic Decision Making and Skills	13. Information displayed on bar graphs can be		
		used to compare quantities.		
	Scarcity	14. Resources can be used in various ways.	18002	Money and Trade in Our World
		15. Most people around the world work in jobs		
	Production and Consumption	in which they produce specific goods and	14621	Make It: Chocolate
Economics		services.	14607	A Visit to a Car Factory
			11007	
	Markets	16. People use money to buy and sell goods and services.	18002	Money and Trade in Our World
			10002	
			18001	Money and Trade in Our Nation
	Financial Literacy	17. People earn income by working.	18001	Money and Trade in Our Nation
	T mancial Eneracy		10001	
		Engagement		
	Fiction, Cul	turally Relevant, Social-Emotiona	al Free Snirit	
Fiction		turany Kelevant, Social-Emotion	ai, Free Sprin	
riction	Culturally Relevant	Social-Emotional	Item Number	Resource Title
X	Culturally Relevant	• ·	· -	
	Culturally Relevant	• ·	Item Number 120781 120784	Resource Title
Х	Culturally Relevant	• ·	Item Number 120781	Resource Title Nadia in Moscow
X X	Culturally Relevant	• ·	Item Number 120781 120784	Resource Title Nadia in Moscow Shake and Quake
X X X	Culturally Relevant	• ·	Item Number 120781 120784 120809 16568 120786	Resource TitleNadia in MoscowShake and QuakeThe Muffin ManSarah's JournalFins and Friends
X X X X		Social-Emotional	Item Number 120781 120784 120809 16568 120786 121656	Resource TitleNadia in MoscowShake and QuakeThe Muffin ManSarah's JournalFins and FriendsEvery Dollar Makes a Difference
X X X X	Culturally Relevant	Social-Emotional	Item Number 120781 120784 120809 16568 120786 121656 29633	Resource TitleNadia in MoscowShake and QuakeThe Muffin ManSarah's JournalFins and FriendsEvery Dollar Makes a DifferenceWomen Who Changed the World
X X X X X X	X	Social-Emotional	Item Number 120781 120784 120809 16568 120786 121656 29633 28015	Resource TitleNadia in MoscowShake and QuakeThe Muffin ManSarah's JournalFins and FriendsEvery Dollar Makes a DifferenceWomen Who Changed the WorldThe Best You: Making Things Right
X X X X X	X	Social-Emotional X X X X X X X X X X X	Item Number 120781 120784 120809 16568 120786 121656 29633 28015 120780	Resource TitleNadia in MoscowShake and QuakeThe Muffin ManSarah's JournalFins and FriendsEvery Dollar Makes a DifferenceWomen Who Changed the WorldThe Best You: Making Things RightCourtesy Is Kindness
X X X X X X	X X X X X	Social-Emotional	Item Number 120781 120784 120809 16568 120786 121656 29633 28015 120780 120782	Resource TitleNadia in MoscowShake and QuakeThe Muffin ManSarah's JournalFins and FriendsEvery Dollar Makes a DifferenceWomen Who Changed the WorldThe Best You: Making Things RightCourtesy Is KindnessMany Kinds of Goals
X X X X X	X	Social-Emotional Social-Emotional X X X X X X X X X X X X X	Item Number 120781 120784 120809 16568 120786 121656 29633 28015 120780 120782 120787	Resource TitleNadia in MoscowShake and QuakeThe Muffin ManSarah's JournalFins and FriendsEvery Dollar Makes a DifferenceWomen Who Changed the WorldThe Best You: Making Things RightCourtesy Is KindnessMany Kinds of GoalsThe Speedy Sloth
X X X X X X	X X X X X	Social-Emotional Social-Emotional X X X X X X X X X X X X X	Item Number 120781 120784 120809 16568 120786 121656 29633 28015 120780 120782 120787 899234	Resource TitleNadia in MoscowShake and QuakeThe Muffin ManSarah's JournalFins and FriendsEvery Dollar Makes a DifferenceWomen Who Changed the WorldThe Best You: Making Things RightCourtesy Is KindnessMany Kinds of GoalsThe Speedy SlothGet Unstuck from Disappointment
X X X X X X	X X X X X	Social-Emotional Social-Emotional X X X X X X X X X X X X X	Item Number 120781 120784 120809 16568 120786 121656 29633 28015 120780 120780 120782 120787 899234 899374	Resource TitleNadia in MoscowShake and QuakeThe Muffin ManSarah's JournalFins and FriendsEvery Dollar Makes a DifferenceWomen Who Changed the WorldThe Best You: Making Things RightCourtesy Is KindnessMany Kinds of GoalsThe Speedy SlothGet Unstuck from DisappointmentLet Go of Jealousy
X X X X X X	X X X X X	Social-Emotional Social-Emotional X X X X X X X X X X X X X	Item Number 120781 120784 120809 16568 120786 121656 29633 28015 120780 120782 120787 899234	Resource TitleNadia in MoscowShake and QuakeThe Muffin ManSarah's JournalFins and FriendsEvery Dollar Makes a DifferenceWomen Who Changed the WorldThe Best You: Making Things RightCourtesy Is KindnessMany Kinds of GoalsThe Speedy SlothGet Unstuck from Disappointment



Science Interconnections Within Systems					
Strand	Торіс	Content Statements	Item Number	Resource Title	
Earth's Resources			21610	Rocks and Minerals	
	Earth's Resources This topic focuses on Earth's resources.	3.ESS.1: Earth's nonliving resources have specific properties.	21716	Life and Non-Life in an Ecosystem	
Earth and Space	While resources can be living and nonliving, within this strand, the		21611	Weathering and Erosion	
Science	emphasis is on Earth's nonliving resources, such as water, air, rock, soil	3.ESS.2: Earth's resources can be used for energy.	21640	Photosynthesis	
	and the energy resources they represent.	3.ESS.3: Some of Earth's resources are limited.	21689	Our Resources	
			18373	Our Natural Resources	
	Matter and Forms of EnergyThis topic focuses on the relationshipbetween matter and energy. Matter hasSpecific properties and is found in allsubstances on Earth. Heat is a familiar	3.PS.1: All objects and substances in the natural world are composed of matter.	21642	Changing Matter	
Physical Science		3.PS.2: Matter exists in different states, each of which has different properties.	21642	Changing Matter	
	form of energy that can change the states of matter.	3.PS.3: Heat, electrical energy, light, sound and magnetic energy are forms of energy.	21643	Energy in Action	
		3.LS.1: Offspring resemble their parents and each other.	14658	Mammal Mania	
		3.LS.2: Individuals of the same kind of organism	21641	The Right Environment	
	Behavior, Growth and Changes This topic explores life cycles of	differ in their inherited traits. These differences	28898	Botanical Illustration	
	organisms and the relationship	give some individuals an advantage in surviving and/or reproducing.	21639	Traits for Survival	
Life Science	between the natural environment and an organism's (physical and		14660	Incredible Invertebrates	
	behavioral) traits, which affect its ability		14659	Slithering Reptiles and Amphibians	
	to survive and reproduce.	3.LS.3: Plants and animals have life cycles that are part of their adaptations for survival in their	14678	The Human Life Cycle	
		natural environments.	21637	Life Cycles	
			14660	Incredible Invertebrates	

	Social Studies Communities: Past and Present, Near and Far				
Strand	Торіс	Content Statements	Item Number	Resource Title	
History	Historical Thinking and Skills	 Events in local history can be shown on timelines organized by years, decades and centuries. Primary and secondary sources can be used to show change over time. 	14680 18362	Hit It! History of Tools Our Nation's Capital: Washington, DC	
			18374	Amazing Americans: Thurgood Marshall	
	Heritage	3. Local communities change overtime.	<u>18374</u> 18375	Amazing Americans: Thurgood Marshall Amazing Americans: Rosa Parks	
	Spatial Thinking and Skills	4. Physical and political maps have distinctive characteristics and purposes. Places can be located on a map by using the title, key, alphanumeric grid and cardinal directions.	28895	Navigating at Sea	
	Places and Regions	5. Daily life is influenced by the agriculture, industry and natural resources in different communities.	14670	African Grasslands	
Geography	Human Systems	6. Evidence of positive and negative human modification of the environment can be observed in the local community.	18369	Our Ever-Changing Environment	
		7. Systems of transportation and communication move people, products and ideas from place to	14657	Zoom! How Cars Move	
			14655	Take Off! All About Airplanes	
		8. Communities may include diverse cultural groups.	18361	Cultures Around the World	
		9. Members of local communities have rights and responsibilities.	28905	Blue Crab Comeback	
	Civic Participation and Skills	10. Individuals make the community a better	18374	Amazing Americans: Thurgood Marshall	
		place by taking action to solve problems in a way that promotes the common good.	18367	Doing Your Part: Serving Your Community	
			18375	Amazing Americans: Rosa Parks	
Government	Rules and Laws	11. Laws are rules which apply to all people in a community and describe ways people are expected to behave. Laws promote order and security, provide public services and protect the rights of individuals in the local community.	18363	Remembering Our Heroes: Veterans Day	
		12. Governments have authority to make and	18365	Our Government: The Three Branches	
	Roles and Systems of Government	enforce laws.	18362	Our Nation's Capital: Washington, DC	
		13. The structure of local governments may differ from one community to another.	10002		

	Economic Decision Making and Skills	14. Line graphs are used to show changes in data over time.		
		15. Both positive and negative incentives affect individuals' choices and behaviors.		
	Scarcity	16. Individuals must make decisions because of the scarcity of resources. Making a decision involves a trade-off.		
Economics	Production and Consumption	17. A consumer is a person whose wants are satisfied by using goods and services. A producer makes goods and/or provides services.		
	Markets	18. A market is where buyers and sellers exchange goods and services.		
		19. Making decisions involves weighing costs and benefits.	14681	Buy It! History of Money
	Financial Literacy	20. A budget is a plan to help people make personal economic decisions for the present and future and to become more financially responsible.		
		Engagement		
	Fiction, Cul	hirally Dalayant Social-Emotions	al Free Snirit	
	,	turally Relevant, Social-Emotiona	<u> </u>	
Fiction	Culturally Relevant	Social-Emotional	Item Number	Resource Title
Х	Culturally Relevant	Social-Emotional	Item Number 16638	Resource Title Space Ace
X X	Culturally Relevant X	Social-Emotional X	Item Number 16638 121597	Resource Title Space Ace Big Dreams
X X X	Culturally Relevant	Social-Emotional X X	Item Number 16638 121597 121598	Resource TitleSpace AceBig DreamsAn Even Playing Field
X X X X	Culturally Relevant X	Social-Emotional X	Item Number 16638 121597 121598 121587	Resource Title Space Ace Big Dreams An Even Playing Field Cupcake Conundrum
X X X X X X	Culturally Relevant X	Social-Emotional X X X X	Item Number 16638 121597 121598 121587 16635	Resource TitleSpace AceBig DreamsAn Even Playing FieldCupcake ConundrumPipeline News
X X X X	X X	Social-Emotional X X X X X X X X	Item Number 16638 121597 121598 121587 16635 109864	Resource TitleSpace AceBig DreamsAn Even Playing FieldCupcake ConundrumPipeline NewsCooking Up a Friendship
X X X X X X	Culturally Relevant X	Social-Emotional X X X X X X X X X X X X X X X X X	Item Number 16638 121597 121598 121587 16635 109864 28021	Resource TitleSpace AceBig DreamsAn Even Playing FieldCupcake ConundrumPipeline NewsCooking Up a FriendshipYou Can Too! Civil Rights Champions
X X X X X X	X X X X X	Social-Emotional X	Item Number 16638 121597 121598 121587 16635 109864 28021 28031	Resource TitleSpace AceBig DreamsAn Even Playing FieldCupcake ConundrumPipeline NewsCooking Up a FriendshipYou Can Too! Civil Rights ChampionsCommunicate! Characters with Courage
X X X X X X	X X X X X X X X X X X	Social-Emotional X	Item Number 16638 121597 121598 121587 16635 109864 28021 28031 121586	Resource TitleSpace AceBig DreamsAn Even Playing FieldCupcake ConundrumPipeline NewsCooking Up a FriendshipYou Can Too! Civil Rights ChampionsCommunicate! Characters with CourageBuilding Bridges
X X X X X X X	X X	Social-Emotional X	Item Number 16638 121597 121598 121587 16635 109864 28021 28031 121586 121595	Resource TitleSpace AceBig DreamsAn Even Playing FieldCupcake ConundrumPipeline NewsCooking Up a FriendshipYou Can Too! Civil Rights ChampionsCommunicate! Characters with CourageBuilding BridgesRide, Sally Ride
X X X X X X	X X X X X X X X X X X	Social-Emotional	Item Number 16638 121597 121598 121587 16635 109864 28021 28031 121586 121595 121596	Resource TitleSpace AceBig DreamsAn Even Playing FieldCupcake ConundrumPipeline NewsCooking Up a FriendshipYou Can Too! Civil Rights ChampionsCommunicate! Characters with CourageBuilding BridgesRide, Sally RideThe Super Five
X X X X X X X	X X	Social-Emotional	Item Number 16638 121597 121598 121587 16635 109864 28021 28031 121586 121595 121596 899678	Resource TitleSpace AceBig DreamsAn Even Playing FieldCupcake ConundrumPipeline NewsCooking Up a FriendshipYou Can Too! Civil Rights ChampionsCommunicate! Characters with CourageBuilding BridgesRide, Sally RideThe Super FiveTurn Away from Teasing
X X X X X X X	Culturally Relevant X	Social-Emotional X	Item Number 16638 121597 121598 121587 16635 109864 28021 28031 121586 121595 121596 899678 899266	Resource TitleSpace AceBig DreamsAn Even Playing FieldCupcake ConundrumPipeline NewsCooking Up a FriendshipYou Can Too! Civil Rights ChampionsCommunicate! Characters with CourageBuilding BridgesRide, Sally RideThe Super FiveTurn Away from TeasingHow to Take the ACHE Out of Mistakes
X X X X X X X	Culturally Relevant X	Social-Emotional	Item Number 16638 121597 121598 121587 16635 109864 28021 28031 121586 121595 121596 899678	Resource TitleSpace AceBig DreamsAn Even Playing FieldCupcake ConundrumPipeline NewsCooking Up a FriendshipYou Can Too! Civil Rights ChampionsCommunicate! Characters with CourageBuilding BridgesRide, Sally RideThe Super FiveTurn Away from Teasing

Ohio Science and Social Studies Alignm	lent
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TCM Teacher Created Materials

	Science					
		Interconnections Within System	ns			
Strand	Торіс	Content Statements	Item Number	Resource Title		
		4.ESS.1: Earth's surface has specific	10557	Investigating Landforms		
		characteristics and landforms that can be identified	28918	Exploring Volcanic Activity		
	Earth's Surface		10558	Pioneers of Earth Science		
Earth and Space Science	This topic focuses on the variety of processes that shape and reshape		10558	Pioneers of Earth Science		
Science	Earth's surface.	4.ESS.2: The surface of Earth changes due to weathering.	10557	Investigating Landforms		
			21686	Earth's Cycles		
		4.ESS.3: The surface of Earth changes due to erosion and deposition.	10557	Investigating Landforms		
			21688	The Rock Cycle		
	Electricity, Heat and Matter	4.PS.1: When objects break into smaller pieces, dissolve, or change state, the total amount of matter is conserved.				
Physical Science	This topic focuses on the conservation of matter and the processes of energy	4.PS.2: Energy can be transferred from one location to another or can be transformed from	21683	Transferring Energy		
r hysical Science	transfer and transformation, especially as they relate to heat and electrical		28917	Electric Vehicles		
	energy.	one form to another.	21681	Electricity		
			21682	Circuits		
			21679	Adaptations		
	Earth's Living History	4.LS.1: Changes in an organism's environment	28934	Plant Invaders		
	This topic focuses on using fossil	are sometimes beneficial to its survival and	28923	Saving Migratory Birds		
Life Science	evidence and living organisms to observe that suitable habitats depend	sometimes harmful.	28921	Saving a Species		
	upon a combination of biotic and abiotic		15867	Hand to Paw: Protecting Animals		
	factors.	4.LS.2: Fossils can be compared to one another and to present-day organisms according to their similarities and differences.	28924	Digging Up Dinosaurs		

		Social Studies		
		Ohio in the United States		
Strand	Торіс	Content Statements	Item Number	Resource Title
	Historical Thinking and Skills	1. The order of significant events in Ohio and the United States can be shown on a timeline.		
		Primary and secondary sources can be used to create historical narratives.	15865	Anne Frank: A Light in the Dark
		 Various groups of people have lived in Ohio over time including American Indians, migrating settlers and immigrants. Interactions among these groups have resulted in cooperation, conflict and compromise. 	25071	American Indians of the East: Woodland People
		4. The 13 colonies came together around a common cause of liberty and justice, uniting to fight for independence during the American Revolution and to form a new nation.	25079	The American Revolution: Fighting for Freedom
History	Heritage	5. The Northwest Ordinance incorporated democratic ideals into the territories. It provided a process for territories to become states and recognized them as equal to the other existing states.		
		6. Ongoing conflicts on the Ohio frontier with American Indians and Great Britain contributed to the United States' involvement in the War of 1812.	25794	The War of 1812: By the Dawn's Early Light
		7. Following the War of 1812, Ohio continued to play a key role in national conflicts including the anti-slavery movement and the Underground Railroad.	25802	Harriet Tubman: Leading Others to Liberty
		8. Many technological innovations that originated in Ohio benefitted the United States.		
	Spatial Thinking and Skills	9. A map scale and cardinal and intermediate directions can be used to describe the relative location of physical and human characteristics of Ohio and the United States.		
	Places and Regions	10. The economic development of the United States continues to influence and be influenced by agriculture, industry and natural resources in Ohio.	15869	Technology: Feats & Failures
		11. The regions of the United States known as the North, South and West developed in the early 1800s largely based on their physical environments and economies.	25797	Settling and Unsettling the West
Geography		12. People have modified the environment throughout history resulting in both positive and negative consequences in Ohio and the United States.	25791	The Great Leap Westward
	Human Systems	13. The population of the United States has changed over time, becoming more diverse (e.g., racial, ethnic, linguistic, religious). Ohio's population has become increasingly reflective of the multicultural diversity of the United States.		
		14. Ohio's location and its transportation systems continue to influence the movement of people, products and ideas in the United States.		

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		15. Individuals have a variety of opportunities to		
		act in and influence their state and national	25801	Abolitionists: What We Need Is Action
		government. Citizens have both rights and		Nelson Mandela: Leading the Way Who Solves Issues? We the People: Civic Values in America We the People: Founding Documents We the People: Founding Documents We the People: Founding Documents State Governments Engineering: Feats & Failures Straight Talk: The Truth About Food The United States Economy The United States Economy
		responsibilities in Ohio and the United States.	15864	
	Civic Participation and Skills	16. Civic participation in a democratic society		
		requires individuals to make informed and		
		reasoned decisions by accessing, evaluating	921613	Who Solves Issues?
		and using information effectively to engage in		
		compromise.	18366	We the People: Civic Values in America
Government		17. Laws can protect rights, provide benefits	10000	
Covernment		and assign responsibilities.	25084	We the People: Founding Documents
		18. The U.S. Constitution establishes a system	23004	We the reopie. I building Documents
	Rules and Laws	of limited government and protects citizens'		
		rights; five of these rights are addressed in the		
		First Amendment.	05004	We the Decedes From the Decement
			25084	vve the People: Founding Documents
		19. A constitution is a written plan for		
	Roles and Systems of Government	government. The Ohio Constitution and the U.S.		
		Constitution separate the major responsibilities		
		of government among three branches.	921611	State Governments
		20. Tables and charts organize data in a variety	15871	Engineering: Easte & Eailurea
	Economic Decision Making and Skills	of formats to help individuals understand	10071	Engineering. reals & railules
		information and issues.	45057	Otra industry The Truth Alexand Frend
		24. Entremene you in Ohio and the United Otation	15857	
		21. Entrepreneurs in Ohio and the United States		
Economics	Scarcity	organize productive resources and take risks to		
	-	make a profit and compete with other producers.		
			112432	Ine United States Economy
		22. Saving a portion of income contributes to an		
	Financial Literacy	individuals' financial well-being. Individuals can		
		reduce spending to save more of their income.		
			112432	The United States Economy
		Engagement		
	Fiction, Cu	lturally Relevant, Social-Emotion	nal, Free Spin	it
Fiction	Culturally Relevant	Social-Emotional	Item Number	Resource Title
X			109867	
Х			109877	
Х			109855	Around the World Tales
Х			109859	Clara O'Hara Private Eye
Х				
Х			109866	Crossing the Ghost Light
~	X	X	109866 109891	Crossing the Ghost Light The Story of My Life
X	Х	X X X	109891 28039	The Story of My Life Fantastic Kids: Malala Yousafzai
			109891 28039 15863	The Story of My Life
X X	Х		109891 28039	The Story of My Life Fantastic Kids: Malala Yousafzai
	X X		109891 28039 15863 109885 899156	The Story of My Life Fantastic Kids: Malala Yousafzai Helen Keller: A New Vision Around the World Dude, That's Rude!: (Get Some Manners)
	X X	X	109891 28039 15863 109885 899156 899230	The Story of My Life Fantastic Kids: Malala Yousafzai Helen Keller: A New Vision Around the World Dude, That's Rude!: (Get Some Manners) Get Organized Without Losing It
	X X	X X	109891 28039 15863 109885 899156	The Story of My Life Fantastic Kids: Malala Yousafzai Helen Keller: A New Vision Around the World Dude, That's Rude!: (Get Some Manners)



			J	
		Science		
		Interconnections Within S	Systems	
Strand	Торіс	Content Statements	Item Number	Resource Title
	Cycles and Patterns in the Solar System	5.ESS.1 The solar system includes the sun and all celestial bodies that orbit the sun. Each planet in the solar system has unique characteristics.	10561	The Wonder of Our Solar System
Earth and Space Science	This topic focuses on the characteristics, cycles and patterns in		21687	We Are Here
	the solar system and within the universe.	5.ESS.2 The sun is one of many stars that exist in the universe.	21728	Stars
			21727	The Milky Way: A River of Stars
		5.ESS.3 Most of the cycles and patterns of motion between the Earth and sun are predictable.	10561	The Wonder of Our Solar System
	Light, Sound and Motion This topic focuses on the forces that affect motion. This includes the relationship between the change in speed of an object, the amount of force applied and the mass of the object. Light and sound are explored as forms of energy that move in predictable ways, depending on the matter through which they move.	5.PS.1 The amount of change in movement of an object is based on the mass of the object and the amount of force exerted.	11306	The Quest for Personal Best: Individual Sports
Physical Science		5.PS.2 Light and sound are forms of energy that behave in predictable ways.	21684	Sound Waves and Communication
			21685	Light and Its Effects
			15936	Endangered Animals of the Desert
		5.LS.1 Organisms perform a variety of roles in	15937	Endangered Animals of the Jungle
Life Science	Interactions within Ecosystems This topic focuses on foundational	an ecosystem.	15935	Endangered Animals of the Sea
	knowledge of the structures and functions of ecosystems.		15896	Demons of the Deep
		5.LS.2 All of the processes that take place within organisms require energy.	21715	Life and the Flow of Energy

15896

Demons of the Deep

		Social Studies Regions and People of the Wester	n Hemispher	'e
Strand	Торіс	Content Statements	Item Number	Resource Title
	Historical Thinking and Skills	1. Events can be arranged in order of occurrence using the conventions of B.C. and A.D. or B.C.E. and C.E.		
	Early Civilizations	2. Early Indian civilizations (Maya, Inca, Aztec, Mississippian) existed in the Western Hemisphere prior to the arrival of Europeans.	28925	Inka Terraces
History		These civilizations had developed unique governments, social structures, religions, technologies, and agricultural practices.	10456	Mayas, Incas, and Aztecs
	Heritage	 European exploration and colonization during the 1400s and 1600s had lasting effects which can be used to understand the Western 	25072	Pocahontas: Her Life and Legend
		Hemisphere today.	25073	Early Explorers
	Spatial Thinking and Skills	4. Geographic tools can be used to gather, process and report information about people, places and environments. Cartographers decide which information to include in maps.	28926	Designing National Parks
		 Latitude and longitude can be used to make observations about location and generalizations about climate. 		
	Places and Regions		921603	The Midwest
		C. De site see he determined using data	921605	The Southwest
		6. Regions can be determined using data related to various criteria including landform, climate, population, and cultural and economic	921606	The West
			921604	The Rocky Mountain States
		characteristics.	921600	The Southeast
			921599	The Northeast
			921603	The Midwest
			921605	The Southwest
Geography		7. The variety of physical environments within the Western Hemisphere influences human	921606	The West
		activities. Likewise, human activities modify the	921604	The Rocky Mountain States
		physical environments.	921600	The Southeast
			921599	The Northeast
	Human Systems	 American Indians developed unique cultures with many different ways of life. American Indian tribes and nations can be classified into cultural groups based on geographic and cultural similarities. 	25070	American Indians of the Plains: Surviving the Great Expanse
		9. Political, environmental, social and economic factors cause people, products and ideas to move from place to place in the Western Hemisphere and results in diversity.	28124	Changing Geography of the 20th Century
		10. The Western Hemisphere is culturally diverse (eg., language, food, religion, art, music) due to the influences and interactions of	20124	
		a variety of world cultures.	28124	Changing Geography of the 20th Century

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Government	Civic Participation and Skills	11. Individuals can better understand public issues by gathering, interpreting and checking information for accuracy from multiple sources. Data can be displayed graphically to effectively and efficiently communicate information.	28115	Progressive Era Leaders
	Roles and Systems of Government	12. Democracies, dictatorships and monarchies are categories for understanding the relationship between those in power or authority and citizens.	28125	Cold War Era
		13. Information displayed in circle graphs can	20125	
	Economic Decision Making and Skills	be used to show relative proportions of segments of data to an entire body of data.	15909	Where Does Your Money Go?
		14. The choices made by individuals and governments have both present and future consequences.	15910	From Rags to Riches
- .	Scarcity	15. The availability of productive resources (i.e., entrepreneurship, human resources, capital goods and natural resources) promotes specialization that could lead to trade.	15909	Where Does Your Money Go?
Economics	Production and Consumption	16. The availability of productive resources and the division of labor can have a positive or negative impact on productive capacity.	15908	Making Money Grow
	Markets	17. Regions and countries become interdependent when they specialize in what they produce best and then trade with other regions to increase the amount and variety of goods and services available.	112432	The United States Economy
	Financial Literacy	 18. Workers can improve their ability to earn income by gaining new knowledge, skills and experiences. 		
	Fictio	Engagement n, Culturally Relevant, Social-En	notional, Free	e Spirit
Fiction	Culturally Relevant	Social-Emotional	Item Number	Resource Title
Х			109880	Blackbird Wilderness
X			109894	The End of Chocolate
X			109895	A World without Blue
<u>X</u>			109902	Camp Yowie
<u>X</u>			109883	Hive Mind: Part Two
<u>X</u>		X	109858	The Raven: A Modern Retelling
X		X	109861	Biking for a Cause
X	×	Х	109876	The Day the Towers Fell
× ×	X X		10016 109887	Lillian's Family Tree Myths and Legends
٨	X		123982	Brown v. Board of Education: The Road to a Landmark Decision
	^	Х	899560	Stress Can Really Get on Your Nerves
		× X	899263	How to Do Homework Without Throwing Up
		X	899272	How to Take the Grrrr Out of Anger
		X	899090	Bullying Is a Pain in the Brain
		X	899269	How to Take the GROAN Out of Grown-Ups (and Get Along!)
	I	Λ	033203	now to rate the ortonic out of orown-ops (and Get Along!)



		Science		
		Order and Organization		
Strand	Торіс	Content Statements	Item Number	Resource Title
		6.ESS.1 Minerals have specific, quantifiable properties.	10553	The World of Rocks & Minerals
	Rocks, Minerals and Soil the study of rocks, minerals	6.ESS.2 Igneous, metamorphic and sedimentary rocks have unique characteristics that can be used for identification and/or classification.	10553	The World of Rocks & Minerals
Earth and Space Science	and soil, which make up the lithosphere. Classifying and identifying different types of rocks, minerals and	6.ESS.3 Igneous, metamorphic and sedimentary rocks form in different ways.	10553	The World of Rocks & Minerals
Science	soil can decode the past environment in which they formed.	6.ESS.4 Soil is unconsolidated material that contains nutrient matter and weathered rock.		
		6.ESS.5 Rocks, mineral and soils have common and practical uses.	10553	The World of Rocks & Minerals
			10554	The First Geologists
		6.PS.1 Matter is made up of small particles called atoms.	21720	Composition of Matter
			10567	Inside the World of Matter
Physical Science	Matter and Motion This topic focuses on the study of foundational	6.PS.2 Changes of state are explained by a model of matter composed of particles that are in motion.	10567	Inside the World of Matter
	concepts of the particulate nature of matter, linear motion, and kinetic and potential energy.		21720	Composition of Matter
		6.PS.3 There are two categories of energy: kinetic and potential.	15938	Vroom! Speed and Acceleration
		6.PS.4 An object's motion can be described by its speed and the direction in which it is moving.	15938	Vroom! Speed and Acceleration
	Cellular to Multicellular This topic focuses on the study of the basics of	6.LS.1 Cells are the fundamental unit of life.	21718	Cells
Life Science	odern Cell Theory. All organisms are composed of		21718	Cells
	cells, which are the fundamental unit of life. Cells	6.LS.3 Cells carry on specific functions that sustain life.	10583	Looking Inside Cells
	carry on the many processes that sustain life. All cells come from pre-existing cells.	6.LS.4 Living systems at all levels of organization demonstrate the complementary nature of structure and function.	10586	Pioneers in Cell Biology
]	Social Studies Regions and People of the Eastern Hemisphere		
Strand	Торіс	Content Statements	Item Number	Resource Title
	Historical Thinking and Skills	1. Multiple tier timelines can be used to show relationships among events and places.		
			10440	Mesopotamia
		2. Early civilizations (India, Egypt, China and Mesopotamia) had unique	25602	You Are There! Ancient Egypt 1336 BC
History	Early Civilizations	governments, economic systems, social structures, religions, technologies and agricultural practices and products. The cultural	10428	Egypt
		practices and products of these early civilizations can be used to help understand	10430	India
		the Eastern Hemisphere today.	10436	China
		3. Geographic tools can be used to gather, process and report information about	25601	You Are There! Ancient China 305 BC
	Spatial Thinking and Skills	 be observed to gatter, process and report mornation about people, places and environments. Cartographers decide which information to include and how it is displayed. 4. Latitude and longitude can be used to identify absolute location. 		
	Places and Regions	 Latitude and longitude can be used to identify absolute location. Regions can be determined, classified and compared using data related to various criteria including landform, climate, population, and cultural and economic characteristics. 		

		6. The variety of physical environments within the Eastern Hemisphere influences human activities. Likewise, human activities modify the physical environment.	16015	Imperialism
Geography			10437	Confucius: Chinese Philosopher
		7. Political, environmental, social and economic factors cause people, products and ideas to move from place to place in the Eastern Hemisphere in the past and today.	10429	Hatshepsut: First Female Pharaoh
	Human Systems		10436	China
		8. Diffusion of agricultural practices and products, technology, cultural practices and major world religions (Buddhism, Christianity, Hinduism, Islam and Judaism)	16004	Muhammad
		impacted the Eastern Hemisphere.	10431	Siddhartha Gautama: "The Buddha"
	Civic Participation and Skills	9. Different perspectives on a topic can be obtained from a variety of historic and contemporary sources and used to effectively communicate and defend a claim based on evidence. Sources should be examined for accuracy and credibility.		
Government	Roles and Systems of Government	10. Governments can be categorized as monarchies, theocracies, dictatorships or democracies, but categories may overlap and labels may not accurately represent how governments function. The extent of citizens' liberties and responsibilities varies according to limits on governmental authority.	16015	Imperialism
		11. Economists compare data sets to draw conclusions about relationships among them.	10013	
	conomic Decision Making and Skills	12. The choices made by individuals and governments have both present and future consequences. The evaluation of choices is relative and may differ across individuals and societies.	15910	From Rags to Riches
	Scarcity	13. The fundamental questions of economics include what to produce, how to produce and for whom to produce.	15908	Making Money Grow
Economics	Markets	 14. When regions and/or countries specialize, global trade occurs. 15. The interaction of supply and demand, influenced by competition, helps to determine price in a market. This interaction also determines the quantities of outputs produced and the quantities of productive resources (entrepreneurship, human resources, and the quantities of an an		
	Financial Literacy	natural resources and capital) used. 16. When selecting items to buy, individuals can weigh costs and benefits and compare the price and quality of available goods and services.	112432	The United States Economy The United States Economy

	Fiction, Cul	Engagement turally Relevant, Social-Emotional, Free Spirit		
Fiction	Culturally Relevant	Social-Emotional	Item Number	Resource Title
X		Х	109890	The Boy and the Bayonet
X	X	Х	109892	Practice Makes Perfect
Х	X	Х	109893	Victoria's Victory
X			109897	Robot Rescue
Х		Х	109888	The Egg Salad Sandwich Incident
Х			109898	A Martian Adventure
Х			109901	Vampire 9 to 5
Х			109907	Side-Tracked
				Mary McLeod Bethune: Education and
	X		25545	Equality
	X		25549	Lue Gim Gong: The Citrus Wizard
				Susan B. Anthony & Elizabeth Cady
	X		12506	Stanton: Early Suffragists
		Х	899048	Be Confident in Who You Are
		X	899738	What Do You Really Want?: How to Set a Goal and Go for It! A Guide for Teens Siblings: You're Stuck with Each Other,
		X	899518	So Stick Together Speak Up and Get Along!: Learn the Mighty Might, Thought Chop, and More Tools to Make Friends, Stop Teasing, and Feel Good About Yourself
		x	899796	You Got a Phone! (Now Read This Book)
		х Х	899796	Stand Up to Bullying!: (Upstanders to the Rescue!)
		x	899556	Stick Up for Yourself!: Every Kid's Guide to Personal Power and Positive Self- Esteem
Х			109896	The Day the World Stopped Rhyming
Х			109903	The Adventures of Mark Twain
Х			109904	Mary Shelley's Monster
Х			109899	Secrets Aboard the Barnard Star
		Х	123973	Wise Words from U.S. Presidents



Science Order and Organization				
Strand	Торіс	Content Statements	Item Number	Resource Title
		 7.ESS.1 The hydrologic cycle illustrates the changing states of water as it moves through the lithosphere, biosphere, hydrosphere and atmosphere. 7.ESS.2 Thermal-energy transfers in the ocean 	21726	The Powerful Ocean
Earth and Space	Cycles and Patterns of Earth and the Moon This topic focuses on Earth's hydrologic cycle, patterns that exist in atmospheric	and the atmosphere contribute to the formation of currents, which influence global climate patterns. 7.ESS.3 The atmosphere has different	10565	Spaceship Earth
Science	and oceanic currents, the relationship between thermal energy and the currents, and the relative position and movement of the Earth, sun and moon.	properties at different elevations and contains a mixture of gases that cycle through the lithosphere, biosphere, hydrosphere and atmosphere.	21725	The Four Spheres of Earth
	movement of the Earth, suit and moon.	7.ESS.4 The relative patterns of motion and positions of Earth, moon and sun cause solar and lunar eclipses, tides and phases of the moon.	04700	The Down fol Occurs
		7.ESS.5 The relative positions of Earth and the	21726	The Powerful Ocean
		sun cause patterns we call seasons.	21725	The Four Spheres of Earth
	Conservation of Mass and Energy This topic focuses on the empirical	7.PS.1 Elements can be organized by properties.	10582	Antoine Lavoisier
			10581	The World of Elements and Their Properties
			10569	Investigating the Chemistry of Atoms
Physical Science	evidence for the arrangements of atoms on the Periodic Table of Elements, conservation of mass and energy, transformation and transfer of energy.	7.PS.2 Matter can be separated or changed, but in a closed system, the number and types of atoms remains constant.	10568	Max Planck
			10582	Antoine Lavoisier
		7.PS.3 Energy can be transformed or transferred but is never lost.	10567	Inside the World of Matter
		7.PS.4 Energy can be transferred through a variety of ways.	10567	Inside the World of Matter
Life Science	Cycles of Matter and Flow of Energy This topic focuses on the impact of	7.LS.1 Energy flows and matter is transferred continuously from one organism to another and between organisms and their physical environments.	10591	Inside Ecosystems and Biomes
Life Science		7.LS.2 In any particular biome, the number, growth and survival of organisms and populations depend on biotic and abiotic		
		factors.	10591	Inside Ecosystems and Biomes

	World Studies from	Social Studies m 750 B.C. to 1600 A.D.: Ancient Gree	ence to the Fi	rst Global Age
Strand	Торіс	Content Statements	Item Number	Resource Title
	Historical Thinking and Skills	1. Historians and archaeologists describe historical events and issues from the perspectives of people living at the time to avoid evaluating the past in terms of today's norms and values.		
		2. The civilizations that developed in Greece	10434	Greece
		and Rome had an enduring impact on later	10435	Socrates: Greek Philosopher
	Early Civilizations	civilizations. This legacy includes governance and law, engineering and technology, art and	10432	Rome
		architecture, as well as literature and history. The Roman Empire also played an instrumental	10433	Julius Caesar: Roman Leader
		role in the spread of Christianity.	25600	You Are There! Ancient Greece 432 BC
		3. The Roman Empire collapsed due to various internal and external factors (political, social and economic) which led to the development of feudalism and the manorial system in the region. The fall of Rome and later invasions also allowed for the creation of new empires in the region.	10432	Rome
		4. The Mongols conquered much of Asia which led to unified states in China and Korea. Mongol failure to conquer Japan allowed a feudal system to persist.		Julius Caesar: Roman Leader
History	Feudalism and Transitions	5. Achievements in medicine, science, mathematics and geography by the Islamic civilization dominated most of the Mediterranean after the decline of the Roman Empire. These achievements were introduced into Western Europe as a result of the Muslim conquests, Crusades and trade, influencing the European Renaissance.	16003	The Medieval Islamic World
		6. The decline of feudalism, the rise of nation- states and the Renaissance in Europe introduced revolutionary ideas, leading to cultural, scientific and social changes.	25631	18th Century Superstar: Mozart
		7. The Reformation introduced changes in religion including the emergence of Protestant	16009	The Reformation
		faiths and a decline in the political power and social influence of the Roman Catholic Church.	16010	Martin Luther

		8. Empires in Africa and Asia grew as commercial and cultural centers along trade		
	First Global Age	Proutes. 9. The advent of the trans-Saharan slave trade had profound effects on both West and Central Africa and the receiving societies.	10439	Mansa Musa: Leader of Mali Sub-Saharan Africa
		10. European economic and cultural influence dramatically increased through explorations, conquests and colonization.	16015	Imperialism
		11. The Columbian exchange (i.e., the exchange of fauna, flora and pathogens) among previously unconnected parts of the world reshaped societies in ways still evident today.		
	Spatial Thinking and Skills	12. Maps and other geographic representations can be used to trace the development of human settlement over time.	10439	Mansa Musa: Leader of Mali
	Human Systems	13. Geographic factors promote or impede the movement of people, products and ideas.	10438	Sub-Saharan Africa
Geography		14. Trade routes connecting Africa, Europe and Asia helped foster the spread of ideas, technology, goods and major world religions (Buddhism, Christianity, Hinduism, Islam and Judaism) that impacted the Eastern Hemisphere.	16004	Muhammad
			10439	Mansa Musa: Leader of Mali
		15. Improvements in transportation, communication and technology have facilitated cultural diffusion among peoples around the world.	25630	16th Century Superstar: Da Vinci
	Civic Participation and Skills	16. Analyzing individual and group perspectives is essential to understanding historic and contemporary issues. Opportunities for civic engagement exist for students to connect real-world issues and events to classroom learning.		
Government	Roles and Systems of Government	17. Greek democracy and the Roman Republic were a radical departure from monarchy and theocracy, influencing the structure and function of modern democratic governments.	10434	Greece
		18. With the decline of feudalism, consolidation of power resulted in the emergence of nation-states.		

	Economic Decision Making and Skills	19. Individuals, governments and businesses must analyze costs and benefits when making economic decisions. A cost- benefit analysis consists of determining the potential costs and benefits of an action and then balancing the costs against the benefits.		
Economics	Scarcity	20. The variability in the distribution of productive resources in the various regions of the world contributed to specialization, trade and interdependence.		
	Markets	21. The growth of cities and empires fostered the growth of markets. Market exchanges encouraged specialization and the transition from barter to monetary economies.	10434 10438 10439	Greece Sub-Saharan Africa Mansa Musa: Leader of Mali
	Fiction C	Engagement ulturally Relevant, Social-Emotio	nal Free Sni	nit.
D* + *		Social-Emotional	· · ·	
Fiction X	Culturally Relevant	Social-Emotional	Item Number 109900	Resource Title Paige vs. Plastic
X		X	109900	Under the Bridge
X		X	109809	Homemade Time Machine
Λ		X	123968	Making Decisions
	Х	X	123972	Citizens of Planet Earth
		X	123977	Talking About Civics
	Х	X	123979	Sandra Day O'Connor: Paving the Way
	Х	Х	28038	Sports for All: The Impact of Title IX
		Х	28041	You Can Too! Success After Failure
		Х	28045	Deception: Real or Fake News?
	x		25929	You Are There! March on Washington, August 28, 1963
	X		25930	Game Changers: Lin-Manuel Miranda
	X		25932	Game Changers: Kwame Alexander
	Х		12507	Women's Suffrage: Fighting for Women's Rights
	λ		12307	women's Suillage. Fighting for women's Rights
	X		12509	Still Marching Strong: Women in Modern America
				Still Marching Strong: Women in Modern America
		X	12509	Still Marching Strong: Women in Modern America Every Vote Matters: The Power of Your Voice, from Student Elections to the Supreme Court How Rude!: The Teen Guide to Good Manners, Proper Behavior, and Not Grossing People Out
			12509 899172 899258	Still Marching Strong: Women in Modern America Every Vote Matters: The Power of Your Voice, from Student Elections to the Supreme Court How Rude!: The Teen Guide to Good Manners, Proper Behavior, and Not Grossing People Out The Courage to Be Yourself: True Stories by Teens About Cliques, Conflicts, and Overcoming
		x	12509 899172 899258 899617	Still Marching Strong: Women in Modern America Every Vote Matters: The Power of Your Voice, from Student Elections to the Supreme Court How Rude!: The Teen Guide to Good Manners, Proper Behavior, and Not Grossing People Out The Courage to Be Yourself: True Stories by Teens About Cliques, Conflicts, and Overcoming Peer Pressure
			12509 899172 899258 899617 899109	Still Marching Strong: Women in Modern America Every Vote Matters: The Power of Your Voice, fror Student Elections to the Supreme Court How Rude!: The Teen Guide to Good Manners, Proper Behavior, and Not Grossing People Out The Courage to Be Yourself: True Stories by Teens About Cliques, Conflicts, and Overcoming Peer Pressure Cliques, Phonies & Other Baloney
		x x x	12509 899172 899258 899617	Still Marching Strong: Women in Modern America Every Vote Matters: The Power of Your Voice, from Student Elections to the Supreme Court How Rude!: The Teen Guide to Good Manners, Proper Behavior, and Not Grossing People Out The Courage to Be Yourself: True Stories by Teens About Cliques, Conflicts, and Overcoming Peer Pressure

TCM Teacher Created Materials

Ohio Science and Social Studies Alignment

	Science					
Strand	Topic	Content Statements	Item Number	Resource Title		
	Physical Earth This topic focuses on the physical features of Earth and how they formed. This includes the interior of Earth, the rock record, plate tectonics and landforms.	8.ESS.1 The composition and properties of Earth's interior are identified by the behavior of seismic waves.	10554	The First Geologists		
		8.ESS.2 Earth's lithosphere consists of major and minor tectonic plates that move relative to				
Earth and Space Science		each other.	10560	Alfred Wegener		
Science		8.ESS.3 A combination of constructive and	10559	Investigating Plate Tectonics		
		destructive geologic processes formed Earth's	10557	Investigating Landforms		
		surface.	10554	The First Geologists		
		8.ESS.4 Evidence of the dynamic changes of	10554	The First Geologists		
		Earth's surface through time is found in the geologic record.	10559	Investigating Plate Tectonics		
		8.PS.1 Objects can experience a force due to an external field such as magnetic, electrostatic or gravitational fields.	10575	Investigating Electromagnetism		
	Forces and Motion This topic focuses on forces and motion within, on and around the Earth and within the universe.		10574	Isaac Newton and the Laws of the Universe		
Physical Science			10576	Thomas Edison and the Pioneers of Electromagnetism		
Fliysical Science			10573	Investigating Forces and Motion		
		8.PS.2 Forces can act to change the motion of	10574	Isaac Newton and the Laws of the Universe		
		objects.	10573	Investigating Forces and Motion		
Life Science	Species and Reproduction This topic focuses on continuation of the species.	8.LS.1 Diversity of species, a result of variation of traits, occurs through the process of evolution and extinction over many generations. The fossil records provide evidence that changes have occurred in number and types of species.				
		8.LS.2 Every organism alive today comes from	10598	Gregor Mendel		
		a long line of ancestors who reproduced	10507			
		successfully every generation.	10597	The World of Genetics		
		8.LS.3 The characteristics of an organism are a	10598	Gregor Mendel		
		result of inherited traits received from parent(s).	10597	The World of Genetics		

Social Studies U.S. Studies from 1492 to 1877: Exploration through Reconstruction				
Strand	Торіс	Content Statements	Item Number	Resource Title
	Historical Thinking and Skills	 Primary and secondary sources are used to examine events from multiple perspectives and to present and defend a position. 		
		2. North America, originally inhabited by American Indians, was explored and colonized by Europeans for economic and religious	25071 25076	American Indians of the East: Woodland People The Middle Colonies: Breadbasket of the New Worl
		reasons.	25074	Racing to Colonize the New World
		3. Competition for control of territory and	25074	Racing to Colonize the New World
		resources in North America led to conflicts	25076	The Middle Colonies: Breadbasket of the New Wor
		among colonizing powers.	25075	The New England Colonies: A Place for Puritans
		4. The practice of race-based slavery led to the forced migration of Africans to the American colonies and contributed to colonial economic	25801	Abolitionists: What We Need Is Action
		development. Their knowledge, skills and	25077	The Southern Colonies: First and Last of 13
	Colonization and Independence	traditions were essential to the development of	23011	
		the colonies.	25882	Phillis Wheatley
		5. The ideas of the Enlightenment and dissatisfaction with colonial rule led English colonists to write the Declaration of Independence and launch the American Revolution.	25078	Reasons for a Revolution
			25080	Abigail Adams and the Women Who Shaped Ameri
		6. Key events and significant figures in	25079	The American Revolution: Fighting for Freedom
		American history influenced the course and outcome of the American Revolution.	25081	George Washington and the Men Who Shaped Am
History		7. The outcome of the American Revolution was national independence and new political, social and economic relationships for the American		
		people.	25083	Forming a New Government
		8. Problems arising under the Articles of	25084	We the People: Founding Documents
	A New Nation	Confederation led to debate over the adoption of the U.S. Constitution.	25083	Forming a New Government
		 9. Actions of early presidential administrations established a strong federal government, provided peaceful transitions of power and repelled a foreign invasion. 	25081	George Washington and the Men Who Shaped Am
			25083	Forming a New Government
	Expansion	10. The United States added to its territory through treaties and purchases.	25791	The Great Leap Westward
		 11. Westward expansion contributed to economic and industrial development, debates over sectional issues, war with Mexico and the displacement of American Indians. 	25797	Settling and Unsettling the West
			25791	The Great Leap Westward
		12. Disputes over the nature of federalism, complicated by economic developments in the United States, resulted in sectional issues, including slavery, which led to the American		
		Civil War.	25634	True Life: Frederick Douglass

	Civil War and Reconstruction	13. Key events and significant figures in		
		American history influenced the course and	05007	
		outcome of the Civil War. 14. The Reconstruction period resulted in	25927	You Are There! Gettysburg, July 1–3, 1863
		changes to the U.S. Constitution, an affirmation		
		of federal authority and lingering social and		
		political differences.	25806	Reconstruction: Freedom Delayed
		15. Modern and historical maps and other	20000	
	Spatial Thinking and Skills	geographic tools are used to analyze how		
		historic events are shaped by geography.		
		16. The availability of natural resources		
		contributed to the geographic and economic		
		expansion of the United States, sometimes		
		resulting in unintended environmental		
		consequences.		
		17. The movement of people, products and		
Geography		ideas resulted in new patterns of settlement and		
	Human Systems	land use that influenced the political and		
		economic development of the United States.		
		18. Cultural biases, stereotypes and prejudices	921602	The Story of Washington DC
		had social, political and economic	25634	True Life: Frederick Dougloss
		consequences for minority groups and the 19. Americans began to develop a unique	23034	True Life: Frederick Douglass
		national identity among diverse regional and		
		cultural populations based on democratic		
		ideals.		
	Civic Participation and Skills	20. Active participation in social and civic		
		groups can lead to the attainment of individual		
		and public goals.	921602	The Story of Washington DC
		21. Informed citizens understand how media	25628	Safe & Sound: Social Media
		and communication technology influence public opinion.	28128	The Information Revolution
Government		22. The U.S. Constitution established a federal	20120	
Government	Roles and Systems of Government	republic, providing a framework for a national		
		government with elected representatives,		
		separation of powers, and checks and		
		balances.	25084	We the People: Founding Documents
		23. The U.S. Constitution protects citizens'		
		rights by limiting the powers of government.	25084	We the People: Founding Documents
	Economic Decision Making and Skills	24. Choices made by individuals, businesses		
		and governments have both present and future		
		consequences.	112432	The United States Economy
	Prroduction and Consumption	25. The Industrial Revolution fundamentally		
		changed the means of production as a result of		
Economics		improvements in technology, use of new power		
		resources, the advent of interchangeable parts		
		and the shift from craftwork to factory work.		
		and the shift for clarwork to lactory work.	20112	Industrializing the United States
			28113	Industrializing the United States
	Markets	26. Governments can impact markets by means of spending, regulations, taxes and trade	28113	Industrializing the United States

	Engagement Fiction, Culturally Relevant, Social-Emotional, Free Spirit					
Fiction	Culturally Relevant	Social-Emotional	Item Number	Resource Title		
		Х	25627	Safe & Sound: Stop Bullying		
		Х	25629	Safe & Sound: Our Health		
		Х	123981	Making a Global Impact		
		Х	123984	Our Rights Online		
		Х	21729	Global Warming		
		Х	28036	Life in Numbers: Choose Your Career		
		Х	28049	Communicate!: World Leaders Speak		
	Х		12520	Langston Hughes: Harlem Renaissance Writer		
	Х		12521	Freedom: Life After Slavery		
				The Struggle to Be Strong: True Stories by Teens About		
		Х	899639	Overcoming Tough Times		
		Х	28040	Tech World: The Language of Social Media		
	Х	X	121670	Fannie Lou Hamer: Fighting for the Rights of Others		