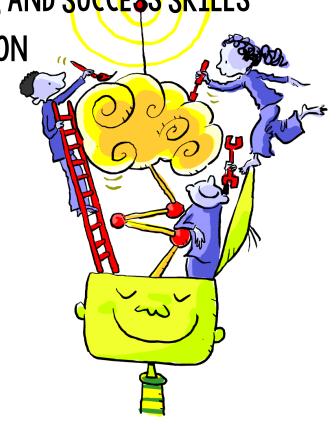
MONARCH ELEMENTARY CELEBRATING INQUIRY, INNOVATION AND CREATIVITY

Gold Standard PBL: Essential Project Design Elements

✓ KEY KNOWLEDGE, UNDERSTANDING, AND SUCCESS SKILLS

✓ CHALLENGING PROBLEM OR QUESTION

- ✓ SUSTAINED INQUIRY
- **✓** AUTHENTICITY
- ✓ STUDENT VOICE AND CHOICE
- **✓ REFLECTION**
- ✓ CRITIQUE AND REVISION
- ✓ **PUBLIC PRODUCT**Buck Institute for Education (BIE)



KEY KNOWLEDGE, UNDERSTANDING, AND SUCCESS SKILLS

Monarch Kindergarten Curriculum Map			Monarch Kindergarten Curriculum Map				arten Curriculum Map		
Balanced Literacy	Science	SS: Children as Citizens	Math		П	Balanced Literacy	Science	SS: Children as Citizens	Math
Big Mea: We see all kinds of	Life Science: Characteristics of	My Place on Earth	Shapes and their Size What shopes	ווווו	П	Big Mea: There is so much to	Earth Science: Seasonal Changes		Comparing No
people each day.	Organisms	Where in the world on 1? What	are in our world? How can we		Ш	see outside. How are events in	How does changing weather	How did these key American	How do we can
How can I identify the main topic	Why are farms important? What	country, state end city do we live	identify/describe different shapes?		Ш	the stury elike/different? How	affect our daily lives? How do	figures change our world! (Rosa	Easy number
in a selection?	do form unio els need to stay	in? How do we use a map?	(square, circle, cenes, triangle;		Ш	do i use details to prodict/infer?	our civiles change through the	Parks, George Washington, Martin	SOCKEDOR. COM
How do we identify the	alive? What patterns do living	What words do we use to describe	rectangle, cube, hosagens, cylinders,		Ш	What does the author want you	seasons? What can I learn about	Lather King Jr., Abroham Lincoln,	objects.
cheracters in a stary?	and needlining things show?	where we are in the word?	spheres). Analysis; create, and			to learn from the book! What	seasons to help me make good	Saux E. Anthony)	Representing
How do we identify the	Recognize organisms need air,	Create a map er a model of our	сопром зварок.			couses events in a stary to	decisions?	What is the significance of US	How do we jui
cheracters and the setting of the	water, find, shelter to stay alive.	community. Mentily personal	What potterns do living and			happen? How can I use	Identify weather changes that	symbols? (American flag, hald-eagle,	Flucetly add to
story?	Monthly organisms and nonliving	connections to places (burne,	nonliving things show? What is the			sequential order to retell a stury?	occur from day to day. Compare		
2 What can we learn from the	things. Match parents and	Monarch neighborhood, South	difference among two dimensionel		ē	Big lifes: It's fun to explore?	weather patterns that occur from	Banner', Piedge of Allogiance).	Place Value
parts of a book?	offspring to show animals and	Carelina, Simpsonnille). Recognize	skapes?		2	How can details help me identify	season to season. Summarize	Why do we celebrate national	How do numbe
- How can I retail a story by	plants resemble parents.	natural Statuses of environment	Numbers How do we use numbers?			the main idea? How does what	ways wasons affect plants and	holidays? (Voterues Day, Martin	empese and a
sequencing the events?	How do plants affect me? How do	(mountains, bodies of water).	Why are patterns important in our			you already knew help you	arinak.	Lather King Jr. Buy, Thanksgiving,	into tens and a
What are letters and the sounds	weather patterns office apples?	Me, My Family and My Community				understand the stury? Why did	Research: Artic Animals	President's Day, Memerial Day,	Work with our
Ethy make! What patterns do	How are fruits alike and	Who cm I? How do I learn? What	count and represent numbers?			the author write this story?	What do animals need to stay	Independence Buy).	foundations for
good readers follow?	different? Company plants and	can I do to keep myself bealthy and	Darwords, objects, and numerals.			What happened in the story and	alive! How do artic eximals	Community Helpers	Understand ad
	animals to determine differences.	happy? How do we make friends?	Asser 'box may as there' about		Ш	what reaction/response did it	adapt to their changing	What can we do to keep our pets	tegether and a
	Recognize organisms go through	Now are we alke and different?	objects arranged in a line, vortangular		Ш	couse? (offect) How can I	environment? How do changes in		understand sal
	stages of growth/change called life		array, circle, scattered configuration.		Ш	sequence a story to help me	animals' habitets affect them?	our teeth heelthy?	apartané takir
	cycles. Leaf Projects.	different?	Compare groups using terms greater		Ш	understand it botter?	Reinfort Rax		
	Apples/Pumpkins/Euts/Spiders	Importance of Rules and Routines	than, less than, or equal to.		Н	Big Idea: Change is all around	Physical Science: Exploring	Mc, My Family and My Community	
	All About Mr: Five Senses, Realthy	All About Me: Family			Ш	us. New did characters change	Natter	How are traditions important for	How do we sal
	Novement				П	from beginning to end of story?	What is matter?	our family and for our country?	Break down as
Big Mea: Books help us learn	Life Science: My Body	Being a Responsible Otizen	Classifying and Counting		П	How do events help me identify	Classify objects by observable	Describe/compare how life was	pairs in more t
new things.	What does exercise and healthy	What choices do good citizens	How are things able and different?		П	the problem/solution in a stury?	properties (size, order, shape,	different long up and teday.	Representation
How do I compare and contrast	food choices do for our bodies?	make at home and at school?	What choices can we make to seet		ı.l	How can I sequence a stary to	testure, magnetic attraction,	Healthy Choices	objects, Ingers
the adventures and choices of	liketily structures for walking,	What makes a good candidate?	objects?			help me understand it better?	weight, and beaviness, ability to	How can we stay healthy and safe?	diswings, day
cheracters? Haw do we identify	holding soving tourning smelling.	Explain how federating rules and	Classify abjects by color, shape, size,			What shoe halo no Source out	Socrar siek)	Bigrocculo wallryl (Areta)	chariese so

Monarch Curriculum Maps

stary work together?	organia (eyes, none, ears, tongue,	safe? Identify people who keep us safe (parents, teachers, bus	Measuring Attributes Bow do we describe and compare objects using measurable attributes? (kength, weight, capacity)		do p tago me i chec
----------------------	------------------------------------	---	--	--	------------------------------

the stury work	Explain why our bodies need daily
low can details help	physical activity.
the main idea? What	How can we help Monarch stey
a what a character is	clean while we help the earth?
Mari	









Success Skills

South Carolina Standards

MONARCH ELEMENTARY

Celebrating Inquiry, Innovation and Creativity



Kindergarten Reading: Literary Text

relationships shape meaning and tone in print and multimedia texts 9.1 With guidance and support, identify the literary devices of repetitive language and the sound devices of rhyme, onomatopoeia, and

10.2 With guidance and support, identify new meanings for familiar words and apply them accurately

11.2 Identify who is telling the story, the narrator or characters

Standard 12: Analyze and critique how the author uses structures in print and multimedia texts to shape meaning and impact the reader

12.1 Recognize and sort types of literary texts.

12.2 Recognize the crafted text structure of recurring phrases.



CHALLENGING PROBLEM OR QUESTION

HOW CAN WE, AS BIOLOGISTS, RECOMMEND THE BEST HABITAT FOR ANIMALS IN OUR ZOO?



Career Connections

Kendra Kent, a local **meteorologist** with Fox News visited Monarch to discuss severe weather with our second graders. She supported students in understanding the differences between a watch vs. a warning in reference to tornadoes, hurricanes, blizzards, and floods. She did a cloud in a bottle activity to support students in understanding how pressure can build. She had a question and answer time with student. She talked about her visit to Monarch on the evening news



HOW CAN WE, AS
METEOROLOGISTS, HELP OUR
COMMUNITY PREPARE FOR
SEVERE WEATHER EVENTS?

SUSTAINED INQUIRY















AUTHENTICITY

















About Yourself:

What is the most important thing you learned in this project:

What do you wish you had spent more time on or done differently:

What part of the project did you do your best work on:

About the Project:

What was the most enjoyable part of this project:

What was the least enjoyable part of this project:

How could your teacher(s) change this project to make it better next time:

REFLECTION





STUDENT VOICE AND CHOICE

S.C. Native Americans Culminating Menu Name: No.

Assigned: Wednesday, Sept. 30 Due: Wednesday, Oct. 14th

Return this sheet also!

Choose one activity to complete. Make sure you complete all parts of the activity according to the rubric below. Be prepared to share your activity in class.



Major Grade - All activities should be student work.

Cherokee Legends (verbal/linguistic)	Catawba Village (visual/spatial)	Directions Please (logical/mathematical)
(verbal/linguistic) Use p. 89 in SS book to complete this activity. Look up the word legend in a dictionary. Write the definition, guide words, part of speech, and pronunciation. Read the story, "Why the Possum's Tail is Bare" on p. 89. Write your own Cherokee legend (at least 2 paragraphs with at least 6 sentences in each paragraph) about an animal or animals, using the Writing Process. Write your published copy on white	(visual/spatial) Use p.96 - 97 in SS book to complete this activity. Read "The Catawba Way of Life" on p. 96 - 97. Next, create a model of a bark house. You may use materials from nature, craft materials, or recycled materials. Suppose you lived long ago and visited a Catawba village. Based on what you read, write a diary entry (at least 6 sentences) and describe their homes and village. Go through all of the steps of the Writing Process, and	(logical/mathematical) Use p. 98 – 99 in SS book to complete this activity. Read these pages. Next, write directions telling how you would get from a Cherokee village to a Yemassee village. Use both cardinal and intermediate directions. Go through all of the steps of the Writing Process. Write your published copy on white paper and draw a map similar to the map on p. 98. Include Native American villages, rivers, and a compass rose. Add color to
paper with an illustration to go with your story. Be sure to use your neatest hand writing and add color to your illustration.	write your published copy on white paper.	your map and draw a red line according to your directions from the Cherokee to the Yemassee.

S.C. Native Americans Menu Rubric

Sici Hative Americans Hend Rubite					
Criteria	Excellent = 3 points	Good – 2 points	Needs Work – 1 point		
Format	All parts are in correct format	Most parts are in correct format	Few parts are in correct format		
Quality of Presentation	Neat, legible, well organized, attractive with variety of colors	Fairly neat, legible, and organized with some messy parts with few colors	Very messy, disorganized, with no colors		
Information	Detailed, accurate information	Limited, accurate information	Very little information and/or inaccurate		
Completion of Activity	Every part of the activity is complete	Almost all parts of the assignment are complete	Activity is not complete		
Oral Presentation	Thoughts articulated dearly, thoroughly explains all parts of the activity	Thoughts don't flow, not clear, most of activity explained	Mumbles, audience has difficulty hearing, confusing, most of activity left out		

Rubric Points & Scores:

15 pts = 100 2 - 5 pts = 74 12 - 14 pts = 95 0 - 1 pt = 0 9 - 11 pts = 89

6 - 8.-pts = 84

Place Value Café!

To complete your meal and get all 100 points, you must choose and complete <u>two appetizers</u>, one main course, and two desserts. Check in the box next to the items when you have completed them. You will turn everything in!

Appetizers

Completed	<u>Activity</u>	Points Earned
_	Create a rap or a song about ONE topic we covered during our place value unit (example: number forms). You must perform this for the teacher to receive points!	15
_	Using www.taqxedo.com , create a picture for expanded, standard, and word form. Include the numbers 1,392,485; 293,382; 78; 2,832; 672 and 34,291 in all three forms.	15
_	Using www.instagrok.com , research rounding and create a journal entry. Your journal entry must include a definition, one website, one picture, one wideo , and at least 5 facts.	15

Main Courses

<u>Completed</u>	<u>Activity</u>	Points Earned
_	Create a brochure about Place Value. You must include a section on number forms, places and values, comparing and ordering (decimals too), rounding, and adding and subtracting (decimals too). Include explanations and examples!	40

CRITIQUE AND REVISION

Creativity & Innovation Rubric for PBL (for grades K-2)

I can explain why we are doing the project.

1. still learning

2. sometimes

3. almost always





I can think of ideas for what to make or do in the project.

1. still learning



2. sometimes



3. almost always



I can help pick the best idea.

1. still learning



2. sometimes







I can help improve our idea.

1. still learning



sometimes









I can help make something unique and useful.

1. still learning



















PUBLIC PRODUCT









