

# 4K

AMBER KOSKI

## GRADE LEVEL OVERVIEWS

### **SOCIAL EMOTIONAL**

- Pyramid Model
- Play-based learning centers

### **ACADEMIC READINESS**

- Creative curriculum studies: trees, clothing, pets, buildings, exercise, reduce/reuse/recycle, balls, & insects
- Handwriting without tears
- SMART- Stimulating Maturity through Accelerated Readiness Training

# KINDERGARTEN

KATELYN PAULING

### **MATH**

- Developing number sense, addition/subtraction skills, patterns, 2-D & 3D shape attributes, measurement, number sequencing

### **LANGUAGE ARTS**

- Writing: letter, narrative, opinion & informational
- letter sounds, phoentic skills & emergent literacy skills

### **SCIENCE**

- Push & pull
- Environmental influences and effects

### **SOCIAL STUDIES**

- Families, my community, then and now, social-emotional learning

# GRADE 1

LORI WOLFF  
KRISTIN DOSCHER

### **MATH**

- Developing addition and subtraction strategies, number facts within 20, place value, geometry skills; 2-D, 3-D shapes, fractions, length, telling time, measurement & data

### **LANGUAGE ARTS**

- Writing: personal narrative, opinion, & informational writing
- Literacy skills, sight words, phonics, foundational reading habits, fluency & comprehension skills, story elements, nonfiction texts

### **SCIENCE**

- Light & sound waves, plant & animal heredity and adaptations, seasons & patterns of the sun, moon & stars, engineering design, agriculture

### **SOCIAL STUDIES**

- Inquiry learning, relationships & cultural patterns, wants & needs, money, map skills, history; cause & effect, traditions of state and country

# GRADE 2

LORI WOLFF  
KRISTIN DOSCHER

## **MATH**

- Representing and interpreting data, arrays, place value to 1,000, time & money, 2 and 3-digit addition and subtraction with and without regrouping, Algebra; representing problems with drawings and equations. Measurement; inches, feet, yards, centimeters, & meters. 2 and 3 dimensional shapes, Fractions as equal shares

## **LANGUAGE ARTS**

- Reading: Strategies for tackling tricky words, author's craft, experts in non-fiction, Series Book Clubs
- Writing: Narratives, Non-fiction, Poetry, Opinion, and Book talks.
- Phonics: word builders and word collections

## **SCIENCE**

- Engineering & design, plant & animal relationships, properties of matter, processes that shape the earth

## **SOCIAL STUDIES**

- Comparing & contrasting cultures, production & resources, map interpretation, government, influential people, and human rights

# GRADE 3

CATHERINE SEIFERT  
HOLLY OLSEN

## **MATH**

- Multiplication, division, multiplication & area, addition & subtraction within 1,000, perimeter, fractions-as numbers & equivalent, time, liquid volume & mass, represent & interpret data, geometry- define & categorize

## **LANGUAGE ARTS**

- Building a reading life, reading to learn, character studies, research clubs, + fiction & nonfiction comprehension strategies, personal narratives, the art of information writing, persuasive speeches & opinion, adaptive fairytales, + grade level grammar & phonics

## **SCIENCE**

- Agriculture, inquiry practices, weather, life science- plants & animals, states of matter, force & motion, ecosystems, heredity

## **SOCIAL STUDIES**

- Local history, geography, culture study & sociological aspects, economy- goods & services, natural resources, inquiry practices, government

# GRADE 4

CATHERINE SEIFERT  
HOLLY OLSEN

## **MATH**

- Double digit multiplication, long division, place value to millions and hundredths, 2D shapes and properties, lines of symmetry, degree angles, measurement in customary and metric systems

## **LANGUAGE ARTS**

- Writing: Narrative, Opinion, and Informational writing. Developing multiple paragraphs and elaborating using details. Use quotation marks for dialogue.
- Reading: Focus on characters, traits, summarizing, finding the theme, and text evidence. Researching to find information, text formats, structures, and graphic features

## **SCIENCE**

- Waves, light, energy, physical features and structures of living things, rocks, layers of the Earth, fossils

## **SOCIAL STUDIES**

- Wisconsin history, state, geography, US government, history- biographies and timelines, economics of supplies

# GRADE 5

BRIANNA HAAS  
MACKENZIE LOKEN

## **MATH**

- Geometry, numbers in base-ten, numbers and operations in fractions, measurement, operations and algebraic thinking

## **LANGUAGE ARTS**

- Narrative writing, research reports, memoirs, and research based argument essay, nonfiction text analysis, fantasy book clubs, nonfiction research

## **SCIENCE**

- Interplanetary travel, Earth-systems, energy transference in plants and animals, environmental activism

## **SOCIAL STUDIES**

- Geography, political science

# GRADE 6

BRIANNA HAAS  
MACKENZIE LOKEN

## **MATH**

- Number systems and operations, ratio and rate reasoning, expressions, equations, and inequalities, relationships in geometry, data collection and analysis

## **LANGUAGE ARTS**

- Fiction character analysis, research-based debates, analyzing themes in book clubs

## **SCIENCE**

- Interplanetary travel, Earth-systems, energy transference in plants and animals, environmental activism

## **SOCIAL STUDIES**

- Geography, political science

# GRADE 7

DEVON FELDT  
TY NATZKE

## **MATH**

- Proportional relationships, rational numbers, equations and inequalities, geometry, and probability

## **LANGUAGE ARTS**

- Realistic short stories, literary analysis, reading and writing nonfiction texts, historical fiction

## **SCIENCE**

- Transfer of energy, motion, scientific method, argument analysis, cells, climate change, plant life cycle

## **SOCIAL STUDIES**

- Migration and the movement of humanity, sustainable agriculture

# GRADE 8

DEVON FELDT  
TY NATZKE

## **MATH**

- Transformational geometry, linear equations, relationships and functions, statistics and probability, scientific notation and volume

## **LANGUAGE ARTS**

- Investigative reporting, contemporary fiction, social issues book clubs, literary craft and themes, research and argument, dystopian texts

## **SCIENCE**

- Waves, digital security, scientific method, chemical reactions, human impact and climate change

## **SOCIAL STUDIES**

- American history, the Constitution, conflict through the lens of geography, technology, and culture, citizenship

# GRADE 6

BRIANNA HAAS  
MACKENZIE LOKEN

# GRADE 7

DEVON FELDT  
TY NATZKE