

Early Childhood Resources ECE-2nd Grade

Compiled by teachers and staff for students and families

KIM NEAKOK AUG 14, 2020 10:32PM

Resources Provided by the State of Alaska

Student & Family Resources

Sea Grant Alaska Alaska Seas and Watersheds teaching activities, developed by Alaska teachers, provide high-quality lesson plans and units. Complete and ready to use, aligned with Alaska state science standards.



AKLEARNNS

Libraries, Archives, Museums: Statewide Library Electronic Doorway (SLED): Home

We're committed to providing the valuable resources on SLED and the SLED Databases to all Alaskans. Using the Web Content Accessibility Guidelines 2.1, Level AA as our guide, we strive to make our websites more accessible for everyone. Many of our resources are from third parties.



ALASKA

Reviews for what your kids want to watch (before they watch it) | Common Sense Media

Common Sense Media is the leading source of entertainment and technology recommendations for families. Parents trust our expert reviews and objective advice.



COMMONSENSEMEDIA

FREE Learn-at-Home Resources

We're proud to offer these FREE teacher-approved resources for at-home learning! These materials are designed to help students solidify the concepts they learn in school, and equip them for learning at home.



TEACHERCREATEDMATERIALS

28 free virtual field trips and activities for families in quarantine

While the world is sorting out the new normal of social distancing, parents everywhere are also trying to do it with full-time jobs, and in many cases, no child care. For the first time in most of our lifetimes, schools have been shut down for extended periods, and no one really knows when it will e...



AMERICAS MILITARY ENTERTAINMENT BRAND

Resource Data Bases

Amazing Educational Resources

Entertaining, educational quiz games to test and improve your geographical knowledge. Learn countries, capitals, flags, continents, earth layers, oceans, seas mountains, islands, rivers, deserts and many other topics.



AMAZINGEDUCATIONALRESOURCES

Reading Resources

PBS LearningMedia | Teaching Resources For Students And Teachers

Inspire your students with thousands of free teaching resources including videos, lesson plans, and games aligned to state and national standards.

PBS LEARNINGMEDIA



PBS LearningMedia | Teaching Resources For Students And Teachers

Inspire your students with thousands of free teaching resources including videos, lesson plans, and games aligned to state and national standards.

PBS LEARNINGMEDIA



Thanks | Learn at Home

We've got you covered with virtual learning materials for in school and at home.

SCHOLASTIC



Free Resources

First Book Marketplace

FBMARKETPLACE

Activities for K-2nd
Download Now >

Free Resources

First Book Marketplace

FBMARKETPLACE

Activities for K-2nd
Download Now >

Reading Comprehension Exercises for all Grades & Levels | ReadTheory

From K-12 to adult education (ABE) - ReadTheory proudly serves them all. ReadTheory is perfect for reinforcing English as a second language and thousands of students in Asia, Africa, and Europe are currently honing their skills with ReadTheory.

READTHEORY



Writing Resources

Over 140 Picture Prompts to Inspire Student Writing

Sign up for our free Learning Network newsletter. Updated: May 31, 2019
Receive new writing prompts in your inbox every week. Think The New York Times is only for readers at a high-school reading level? Think again.

NYTIMES



Free Writing Resources

In addition to 8-week online writing courses, Time4Writing provides free writing resources to help parents and educators teach writing more effectively. The writing resources listed below are organized into seven main categories. Each category includes a selection of fun writing games, instructional videos, printable writing worksheets and other writing tools that are topic specific and related to each category.

TIME4WRITING



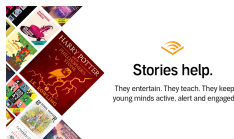
Audible

Free audio books for kids.

Audible Stories | Audible.com

Free stories for kids of all ages. Audible Stories is a free website where kids of all ages can listen to hundreds of Audible audio titles across six different languages- English, Spanish, French, German, Italian and Japanese-for free, so they can keep learning, dreaming and just being kids.

AUDIBLE.COM



Math Resources

Kindergarten Math Standards

CCSS
WHERE TO FOCUS
KINDERGARTEN
MATHEMATICS

MATH

K

F

MATHEMATICS KINDERGARTEN FOCUS

This document shows where students and teachers should spend the large majority of their time in order to meet the expectations of the Standards.

Not all content in a given grade is emphasized equally in the Standards. Some clusters require greater emphasis than others based on the depth of the ideas, the time that they take to master, and/or their importance to future mathematics or the demands of college and career readiness. More time in these areas is also necessary for students to meet the Standards for Mathematical Practice.

To say that some things have greater emphasis is not to say that anything in the Standards can safely be neglected in instruction. Neglecting material will leave gaps in student skill and understanding and may leave students unprepared for the challenges of a later grade.

Students should spend the large majority¹ of their time on the major work of the grade (■). Supporting work (■) and, where appropriate, additional work (●) can engage students in the major work of the grade.^{1,2}

MAJOR, SUPPORTING, AND ADDITIONAL CLUSTERS FOR KINDERGARTEN

Emphases are given at the cluster level. Refer to the Common Core State Standards for Mathematics for the specific standards that fall within each cluster.

Key: ■ Major Clusters ■ Supporting Clusters ● Additional Clusters

K.OC.A ■ Know number names and the count sequence.

K.OC.B ■ Count to tell the number of objects.

K.OC.C ■ Compare numbers.

K.OA.A ■ Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

K.NBT.A ■ Work with numbers 11–19 to gain foundations for place value.

K.MD.A ● Describe and compare measurable attributes.

K.MD.B ■ Classify objects and count the number of objects in categories.

K.G.A ● Identify and describe shapes.

K.G.B ■ Analyze, compare, create, and compose shapes.

HIGHLIGHTS OF MAJOR WORK IN GRADES K–8

K–2	Addition and subtraction – concepts, skills, and problem solving; place value
3–5	Multiplication and division of whole numbers and fractions – concepts, skills, and problem solving
6	Ratios and proportional relationships; early expressions and equations
7	Ratios and proportional relationships; arithmetic of rational numbers
8	Linear algebra and linear functions

REQUIRED FLUENCIES FOR KINDERGARTEN

K.OA.A.5	Add/subtract within 5
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SAP_Focus_Math_K 11.12.14

PDF document

PADLET DRIVE

CCSS
WHERE TO FOCUS
GRADE 2
MATHEMATICS

MATH

2

F

MATHEMATICS GRADE 2 FOCUS

This document shows where students and teachers should spend the large majority of their time in order to meet the expectations of the Standards.

Not all content in a given grade is emphasized equally in the Standards. Some clusters require greater emphasis than others based on the depth of the ideas, the time that they take to master, and/or their importance to future mathematics or the demands of college and career readiness. More time in these areas is also necessary for students to meet the Standards for Mathematical Practice.

To say that some things have greater emphasis is not to say that anything in the Standards can safely be neglected in instruction. Neglecting material will leave gaps in student skill and understanding and may leave students unprepared for the challenges of a later grade.

Students should spend the large majority¹ of their time on the major work of the grade (■). Supporting work (■) and, where appropriate, additional work (●) can engage students in the major work of the grade.^{1,2}

MAJOR, SUPPORTING, AND ADDITIONAL CLUSTERS FOR GRADE 2

Emphases are given at the cluster level. Refer to the Common Core State Standards for Mathematics for the specific standards that fall within each cluster.

Key: ■ Major Clusters ■ Supporting Clusters ● Additional Clusters

2.OA.A ■ Represent and solve problems involving addition and subtraction.

2.OA.B ■ Add and subtract within 20.

2.OA.C ■ Work with equal groups of objects to gain foundations for multiplication.

2.NBT.A ■ Understand place value.

2.NBT.B ■ Use place value understanding and properties of operations to add and subtract.

2.MD.A ■ Measure and estimate lengths in standard units.

2.MD.B ■ Relate addition and subtraction to length.

2.MD.C ■ Work with time and money.

2.MD.D ■ Represent and interpret data.

2.G.A ● Reason with shapes and their attributes.

HIGHLIGHTS OF MAJOR WORK IN GRADES K–8

K–2	Addition and subtraction – concepts, skills, and problem solving; place value
3–5	Multiplication and division of whole numbers and fractions – concepts, skills, and problem solving
6	Ratios and proportional relationships; early expressions and equations
7	Ratios and proportional relationships; arithmetic of rational numbers
8	Linear algebra and linear functions

REQUIRED FLUENCIES FOR GRADE 2

2.OA.B.2	Single-digit sums and differences (sums from memory by end of Grade 2)
2.NBT.B.5	Add/subtract within 100

SAP_Focus_Math_2

PDF document

PADLET DRIVE

First Grade Math Standards

CCSS
WHERE TO FOCUS
GRADE 1
MATHEMATICS

MATH

1

F

MATHEMATICS GRADE 1 FOCUS

This document shows where students and teachers should spend the large majority of their time in order to meet the expectations of the Standards.

Not all content in a given grade is emphasized equally in the Standards. Some clusters require greater emphasis than others based on the depth of the ideas, the time that they take to master, and/or their importance to future mathematics or the demands of college and career readiness. More time in these areas is also necessary for students to meet the Standards for Mathematical Practice.

To say that some things have greater emphasis is not to say that anything in the Standards can safely be neglected in instruction. Neglecting material will leave gaps in student skill and understanding and may leave students unprepared for the challenges of a later grade.

Students should spend the large majority¹ of their time on the major work of the grade (■). Supporting work (■) and, where appropriate, additional work (●) can engage students in the major work of the grade.^{1,2}

MAJOR, SUPPORTING, AND ADDITIONAL CLUSTERS FOR GRADE 1

Emphases are given at the cluster level. Refer to the Common Core State Standards for Mathematics for the specific standards that fall within each cluster.

Key: ■ Major Clusters ■ Supporting Clusters ● Additional Clusters

1.OA.A ■ Represent and solve problems involving addition and subtraction.

1.OA.B ■ Understand and apply properties of operations and the relationship between addition and subtraction.

1.OA.C ■ Add and subtract within 20.

1.OA.D ■ Work with addition and subtraction equations.

1.NBT.A ■ Extending the counting sequence.

1.NBT.B ■ Understand place value.

1.NBT.C ■ Use place value understanding and properties of operations to add and subtract.

1.MD.A ■ Measure lengths indirectly and by iterating length units.

1.MD.B ● Tell and write time.

1.MD.C ■ Represent and interpret data.

1.G.A ● Reason with shapes and their attributes.

HIGHLIGHTS OF MAJOR WORK IN GRADES K–8

K–2	Addition and subtraction – concepts, skills, and problem solving; place value
3–5	Multiplication and division of whole numbers and fractions – concepts, skills, and problem solving
6	Ratios and proportional relationships; early expressions and equations
7	Ratios and proportional relationships; arithmetic of rational numbers
8	Linear algebra and linear functions

REQUIRED FLUENCIES FOR GRADE 1

1.OA.C.6	Add/subtract within 10
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SAP_Focus_Math_1

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the numberline

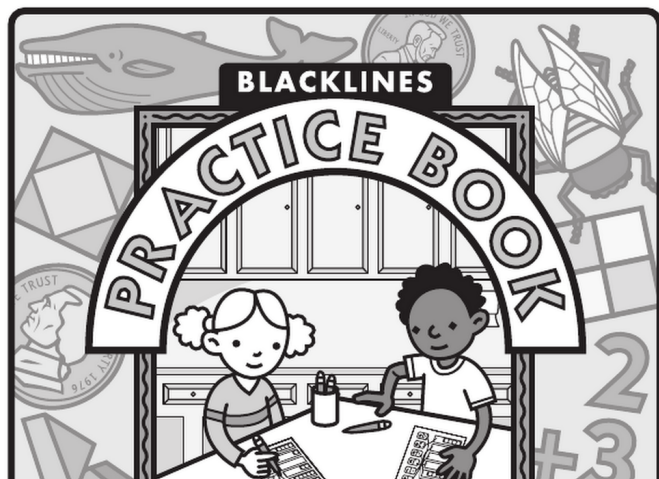
LTM_Numberline

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Grade 2 Math Standards

Kindergarten Bridges



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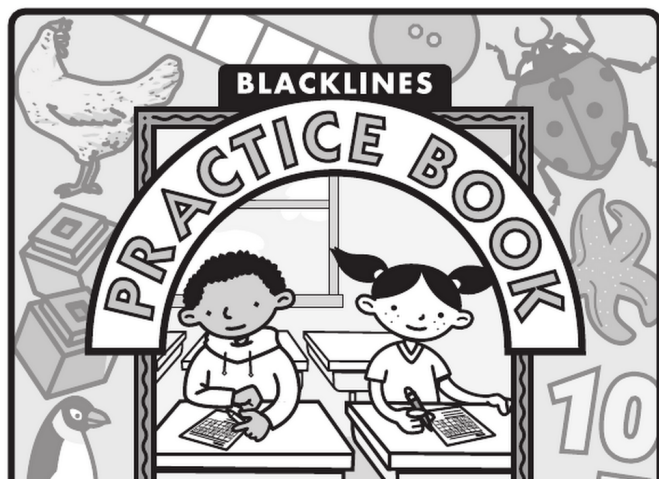


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First Grade Bridges



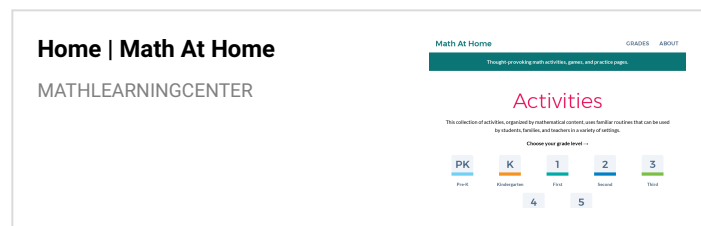
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PDF document

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Math at Home

Digital and Printable Math Activities



Support Math with Materials in Your Home

Here are six activities that support your child's math readiness - with simple materials you may have at home.

NAEYC



Second Grade Bridges

STEAM Learning Activity Sheets - RAFT

STEAM Learning Activity Sheets Free online tools that guide parents, guardians, and students through Pre-K to 8th grade activities using common household items.

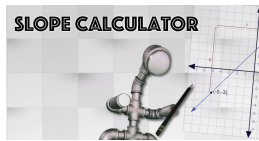
RAFT



Printable Math Worksheets at DadsWorksheets.com

DadsWorksheets.com delivers thousands of printable math worksheets, charts and calculators for home school or classroom use on a variety of math topics including multiplication, division, subtraction, addition, fractions, number patterns, order of operations, standard form, expanded form, rounding, Roman numerals and other math subjects.

DADSWORKSHEETS



Explore NASA STEM

The purpose of NASA STEM is to engage students in NASA's mission. Our vision is to immerse students in NASA's work, enhance STEM literacy, and inspire the next generation to explore. NASA has a portfolio of programs and opportunities dedicated to attracting, engaging and educating students and to support educators and educational institutions across the nation.

NASA



10 Family Card Games That Support Early Math Skills

Family card games are an inexpensive way to have fun with children while learning important math concepts. Play these 10 card games designed to reinforce and build upon your child's math skills-all you need is a deck of playing cards!

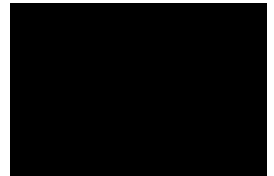
STANFORD



Explore The Hidden Worlds of our National Parks

Follow rangers on a journey to places most people never go in stunning 360° video.

EXPLORE THE HIDDEN WORLDS OF OUR NATIONAL PARKS



Social Studies Resources

Science Resources

SciShow Kids

SciShow Kids explores all those curious topics that make us ask "why?" Every Tuesday and Thursday, Jessi and her robot rat Squeaks answer your questions and ...

YOUTUBE



Learn at Home: Grades K-3

A curated collection for curious learners in grades K-3. With minimal supplies needed, these activities will keep young learners' minds engaged in social studies, geography, science, and more.

NATIONALGEOGRAPHIC



Crash Course Kids

Welcome to Crash Course Kids! This bi-weekly show from the producers of Crash Course is all about gradeschool science. We'll look at Earth, Habitats, Space, ...

YOUTUBE

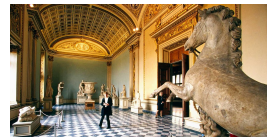


Virtual Museum Tours

Stuck at Home? These 12 Famous Museums Offer Virtual Tours You Can Take on Your Couch

Experience the best museums from London to Seoul in the comfort of your own home. Going into a self-quarantine can have many complex issues and complications beyond having enough food and supplies for two weeks. In terms of entertainment, it also probably means you're in for a lot of boredom, a lot of Netflix, and a lot of browsing the internet.

TRAVEL + LEISURE



NASA resources are available for free

Read, Wonder, and Learn! Favorite Authors & Illustrators Share Resources for Learning Anywhere - Spring 2020



Hello, friends! I'm Kate Messner, a former classroom teacher, forever-educator, and the author of more than three dozen books for kids. These include picture books like *Over and Under the Snow*, *The Brilliant Deep*, and *The Next President*; the Fergus and Zeke easy reader series; the Ranger in Time historical chapter book adventures; nonfiction like *Tracking Pythons* and *Solve This: Forensics*; and novels like *All the Answers*, *Breakout*, and .

KATEMESSNER

Self-regulation is the ability to maintain or change arousal/energy level and manage emotions to match the situation or activity (e.g. preparing for sleep, lower level vs. preparing to play soccer, higher level). Engaging in different types of sensory activities help us to learn more about our sensory system needs and how we respond to various stimuli. The more we learn about and use these systems the better equipped we are to self-regulate. Receptors located throughout the body take in information from the environment (and body) to make sense of, and interact with the world. Listed below are various activities or tools that may assist with self-regulation.

Visual

Vision is the ability of the eyes to focus and detect images. Visual perception is how the brain processes information – recognizing, differentiating and interpreting visual stimuli. The visual system is very important in learning to read, write, count and a lot of other skills that are important in life.

Calming

- Lava lamps
- Dim lighting, neutral colours
- Reduce visual distractions in the environment
- Less clutter, empty space (clear desk)

Alerting

- Bright colours, flashing lights
- Contrasting colours or patterns
- Being in busy, active areas, crowds, malls, birthday parties, playgrounds, water slides

Auditory

Hearing is the ability to perceive sound from the environment. It provides localization and differentiation of sound.

Calming

- Calm, soft, even toned voices
- Rhythmic sounds (slower, repetitive beats)
- White noise, fan, rain sound
- Ear defenders (to reduce noise)
- Eliminate background noise (TV, radio)

Alerting

- Loud, dramatic voices, screaming, crying
- Music with variation in beat and faster beats
- Unexpected sounds (alarms, sirens)

Activities-for-Self-Regulation[1]

PDF document

PADLET DRIVE

Smithsonian Resources

Explore & Learn

Learn more about Explore & Learn

SMITHSONIAN INSTITUTION



PACER's National Bullying Prevention Center

Are you looking to take action or get more informed about bullying? Below are a few ideas: We have teamed up with Planet Fitness' Judgement Free Generation® initiative to develop "Bullying Prevention 101," a free educational resource designed to equip teachers, counselors and other educators with tools to empower students to prevent bullying and stand up for kindness.

PACER



Social and Emotional Resources

Just For Kids: A Comic Exploring The New Coronavirus

Kids, this comic is for you. It's based on a radio story that NPR education reporter Cory Turner did. He asked some experts what kids might want to know about the new coronavirus discovered in China.

NPR.ORG



A Family's Guide to Teaching Good Character

Good character doesn't just happen. It is a result of families who intentionally teach their children about character.

The family guide is available in the following grade levels: K-5 6-8 9-12 What is character? Moral character includes values we need

THE ROBERT D. AND BILLIE RAY CENTER

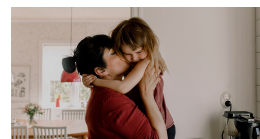


Resources for Supporting Social Emotional Wellness

Resources for Supporting Children's Emotional Well-being during the COVID-19 Pandemic - Child Trends

Social distancing should not mean social isolation. Children-especially young children-need quality time with their caregivers and other important people in their lives. Social connectedness improves children's chances of showing resilience to adversity. Creative approaches to staying connected are important (e.g., writing letters, online video chats). Provide age-appropriate information.

CHILD TRENDS



Art, Music, and Movement Resources

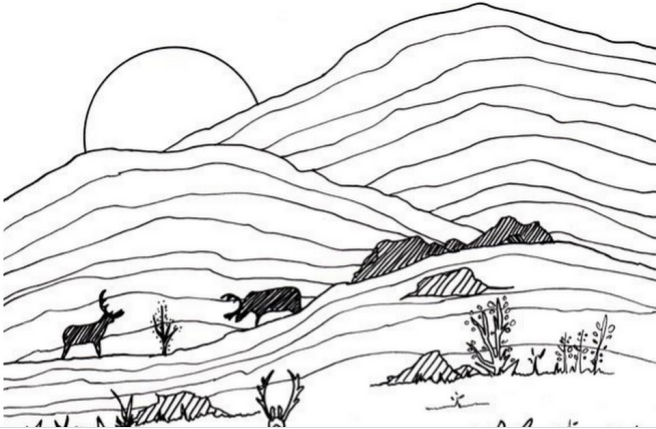
GoNoodle | Get Moving

GoNoodle videos get kids moving to be their strongest, bravest, silliest, smartest, bestest selves. Over 14 million kids each month are dancing, stretching, ...

YOUTUBE



Nasugra Rainey Hopson Coloring Sheets



Hopson Coloring Art

PDF document

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Episode 1: An Introduction



An Introduction / Draw Every Day with JJK, ep. 1

by Jarrett J. Krosoczka—author & illustrator

YOUTUBE

LUNCH DOODLES with Mo Willems! Episode 01

by The Kennedy Center

YOUTUBE

Coronavirus/COVID-19 Support

To support your efforts to keep students moving and learning while at home due to closures related to COVID-19, we have decided to make the Walkabouts platform temporarily available at no cost to those implementing remote learning. We have created general login credentials for those who do not already have access to Walkabouts.

ACTIVEDINC



Art Lessons by Grade Archives | Deep Space Sparkle

Creative Art Projects for Busy Teachers

DEEP SPACE SPARKLE



Drawing Lessons with Mo

Coronavirus/COVID-19 Support

To support your efforts to keep students moving and learning while at home due to closures related to COVID-19, we have decided to make the Walkabouts platform temporarily available at no cost to those implementing remote learning. We have created general login credentials for those who do not already have access to Walkabouts.

ACTIVEDINC



BookFlix

SCHOLASTIC

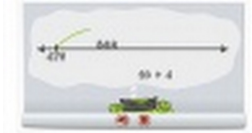


40% off Subscription

DreamBox Learning - Online Math Learning for Home

Whether you have one child at home, or many students, our Family Dashboard translates thousands of data points per hour, per child and turns that data into insights that are instantly available and easy to interpret. DreamBox provides you with a comprehensive report on your child's growth, providing you with information on gaps in understanding and areas of strength.

DREAMBOX LEARNING



Resources Requiring Paid Subscriptions

Bookflix

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