

# K-3 CURRICULUM OVERVIEW



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# **English Language Arts Grades K-3**

#### **Course Setup**

The K-3 Language Arts courses are broken down into 2 semester courses per grade level (for example, Language Arts KA and KB). Each semester course consists of 18 modules with 5 lessons per module. A student should spend no more than a week completing each module. Students should spend 90 minutes a day working on their English Language Arts course. In each module there are common tasks in addition to the lessons that students must complete. Each K-3 grade level course has a synchronous assessment every 6 modules and a benchmark assessment every 9 modules. These assessments are done one on one with the teacher and can be found in the Teacher's Guide in the Resources Module of Buzz. Starting in First Grade other Assessments can be found in each module such as spelling, reading comprehension, and vocabulary quizzes. The chart below shows the breakdown of what can be found in a typical Language Arts K-3 course.

Length of time per course	# of Modules	# of Lessons per Module	Common Module Tasks	Assessments
1 semester	18	5	<ul> <li>Lessons that include videos, reading, and interactive games.</li> <li>Independent Reading Assignment</li> <li>Reading Fluency/Story Retell Recording (K-2)</li> <li>Fluency Recording (Grade 3)</li> <li>Writing Audio Practice Recording (Grade 3)</li> <li>Weekly Assignments</li> </ul>	Grades K-3  Synchronous Assessments (Every 6 modules) Benchmark Assessments (Every 9 modules) Reading Level Assessment  Grades 1-3 Weekly Spelling Test Weekly Reading Comprehension Quizzes Grades 2-3 Weekly Vocabulary Quizzes Weekly Grammar Quizzes



# **English Language Arts Grades K-3**

#### **Module Lessons**

Each module in the K-3 Language arts courses has 5 lessons. A student should complete 1 lesson a day so that they complete the module in one week. Each lesson covers certain components for a balanced literacy program. The lesson components are described below.

Lesson Component	Description
Spelling	Weekly spelling words focus on a phonics pattern and sight words.
Sight Words	Each week students will be introduced to new sight words for their grade level. Sight word flashcards are included in the lessons for students to print and study or add to a word wall.
Vocabulary	Vocabulary words are new words found in the weekly reading selection.
Reading	Weekly stories match the theme of the week. There are both fiction and non-fiction literature to practice reading comprehension and fluency.
Grammar Grammar	A new grammar concept is introduced each week. Students may also practice finding grammatical errors in a paragraph each week.
Writing	A different type of writing is introduced each week using the writing process. Prewriting, drafting, editing, revising and publishing stages are all practiced.
Phonics	There are weekly phonics activities incorporated in each lesson within each module.
Fluency	Once a week students will be asked to record themselves reading the weekly story. They will submit the recording to their teacher for a fluency check.
Handwriting	Students will work on weekly handwriting assignments to practice letter formation in manuscript and eventually in cursive as they move up in grades.



# **English Language Arts Grades K-3**

Lessons are structured to follow the format below:

Introduction	New concepts will be introduced in each module through text, video, and interactives.
Practice	Once introduced, new concepts will be practiced through interactives and worksheets.
Review	Previously learned concepts will be reviewed throughout the year to strengthen the students' understanding.

The frequency a student encounters each lesson component in a week is listed below:

Day I	Day 2	Day 3	Day 4	Day 5
Spelling Word Intro	Spelling Practice Worksheet	Spelling Interactive	Spelling Practice Worksheet	Spelling Test
Vocabulary Intro	Vocabulary Interactive	Vocabulary Interactive	Vocabulary Interactive	Vocabulary Quiz
Reading Concept/Skill Intro	Reading: Set a Purpose	Reading: First read of weekly story.	Reading: Second read with comprehension review	Reading Comprehension Quiz
Grammar Intro	Grammar Interactive	Grammar Interactive	Grammar Quiz	Grammar Paragraph Edits
Writing Topic Intro	Writing: Brainstorming	Writing: Drafting	Writing: Editing and Revising	Writing: Publish
Journal Entry	Handwriting	Fluency	Handwriting	Independent Reading



# **English Language Arts Grades K-3**

Below are some key features that can be found in a lesson.

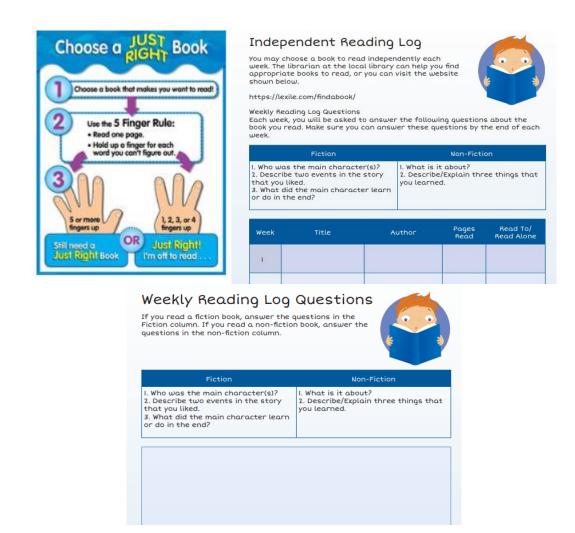
Interactives	Embedded interactives allow students to interact with newly learned concepts and receive immediate feedback.	Minch item does not belong with this sat?  Correct the arread is previous aggreeas the others.  Citick image to enlarge.
Videos	Videos are used to support the understanding of new concepts throughout the course.	Click image to enlarge.
Worksheets	Worksheets are included as another method of practicing each concept throughout the year.	Come to My Sea  Internal of the April of the



### **English Language Arts Grades K-3**

#### **Independent Reading**

A weekly independent reading assignment is built in to each module. Students are expected to read books that they choose at their reading level daily for 30-40 minutes a day. Teachers will assess the student's reading level and review with them how to choose a just right book. The Learning coach working with the student will help the student make choices, an excursion to the library is an excellent place to choose just right books.





# **English Language Arts Grades K-3**

#### **Student Audio Recordings**

As part of the standards, students are required to speak, and speak often. One of the ways this is addressed is through Story Retells and Fluency Checks. Within each module there is an assignment that prompts students to record themselves retelling the story that was read during the module. The student is also asked to record themselves reading the story to practice fluency. In third grade students will be asked to record themselves reading their writing out loud. Students are taught how to do a recording in the Resources Module of the course.

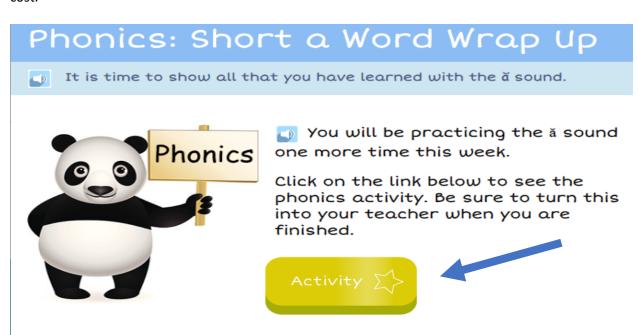




# **English Language Arts Grades K-3**

#### **Weekly Assignments**

In each lesson students will encounter activities for them to download, print and complete. These activities are worksheets. They will be asked to scan and submit them in the Weekly Assignments Section of the module. Please note: These activities are also available in a workbook for an additional cost.







# **English Language Arts Grades K-3**

#### **Assessments**

In grades K-3 English Language Arts students will encounter different assessments based on their grade level.

In every course for Grades K-3 there will be 3 assessments given by the teacher. They are the following:

- Written Benchmark Assessments are a cumulative assessment covering content from 9 modules. They are given in modules 9 and 18.
- Synchronous Assessments are designed to be used during live session for immediate feedback they cover phonics, sight word recognition and other concepts. These are given in modules 6, 12 and 18.
- Reading Level Assessments: The teacher will be testing the reading level of students throughout the course.

Below is a chart that shows the types of quizzes students will be given per module by grade level in English Language Arts in addition to the assessments mentioned above.

Course	Module Quizzes
Language Arts 1	Spelling
	Reading Comprehension
Language Arts 2	Spelling
	Reading Comprehension
	<ul> <li>Vocabulary</li> </ul>
	Grammar
Language Arts 3	Spelling
	Reading Comprehension
	<ul> <li>Vocabulary</li> </ul>
	Grammar

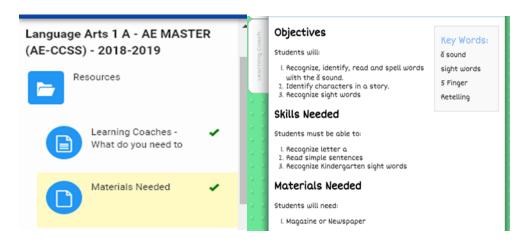


# **English Language Arts Grades K-3**

#### **Materials Needed**

Materials needed for each lesson will be listed prior to the lesson in the learning coach tab or a materials list for the course can be found in the Resources Module at the beginning of each course.

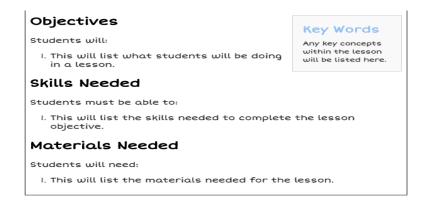
Students are expected to have typical school supplies such as: paper, pencils, crayons, markers, scissors, glue, etc. Students will also be expected to have access to books at their independent reading level.



#### **Learning Coach Tab**

Each lesson has a learning coach tab. The learning coach tab is a tab that has information for the adult that is helping the child progress through the course at home, it could be a parent, a grandparent or any other designated adult in that household.

The Learning Coach Tab is designed to help an adult who is at home with the student guide them through a lesson. Learning objectives, prerequisite skills, and any materials needed to complete the lesson will be listed. Look below to see a sample page of what the Learning Coach tab will look like under each lesson tab.





# **Math Grades K-3**

#### **Course Setup**

The K-3 Math courses are broken down into 2 semester courses per grade level (for example, Math KA and KB). Each semester course consists of 18 modules with lessons in each module. A student should spend no more than a week completing each module. Students should spend 45-60 minutes a day working on their Math course. In each module there are common tasks in addition to the lessons that students must complete. Each K-2 grade level course has a synchronous assessment every module and a benchmark assessment every 9 modules. These assessments are done one on one with the teacher. In addition to the assessments mentioned grades K-3 have a quiz every module as well. Additional online practice in basic mathematical skills are included in each module through IXL.

Length of time per course	# of Modules	Common Module Tasks	Assessments	
1 semester	18	<ul> <li>Lessons that include videos, reading, and interactive activities.</li> <li>Online Practice Activities</li> <li>Worksheets</li> <li>Lesson Notes</li> </ul>	Grades K-2  • Module Synchronous Assessments (Every module)  Grades K-1  • Benchmark Assessments (Every 9 modules)  Grades 1 and 3  • Module Quiz	

#### **Module Lessons**

Below are some key features that can be found in a math lesson.

Interactives	Embedded interactives allow students to interact with newly learned concepts and receive immediate feedback.	Mismatch  Nhich from does not belong with this set?  Correct the array is positing apposite the others.  Click image to enlarge.
Videos	Videos are used to support the understanding of new concepts throughout the course.	O Click image to enlarge.
Worksheets	Worksheets are included as another method of practicing each concept throughout the year.	Nome: Dorler:  Come to My Sea  The season of



# Math Grades K-3

Below is a list of the key math components focused on throughout each math course.

Operations and Algebraic Thinking
Numbers and Counting
Measurement and Data
Geometry and Fractions
Time and Money

Lessons are structured to follow the format below:

Introduction	New concepts will be introduced in each module through text, video, and interactives.
Practice	Once introduced, new concepts will be practiced through interactives and worksheets.
Review	Previously learned concepts will be reviewed throughout the year to strengthen the students' understanding.

# Math Grades K-3

#### **Math Assignments**

In each lesson students will encounter activities for them to download, print and complete. These activities are worksheets. They will be asked to scan and submit them after the lesson. There are also times when a student will be asked to print a worksheet for them to complete while watching a video. They will be asked to submit these as well in the course. Please note: These activities are also available in a workbook for an additional cost.

# Creating Patterns

Can you create patterns with shapes?





In this activity, you will create patterns of your own. When finished, submit it to your teacher for a grade. Each pattern is worth 6 points for 12 points total.



Creating Patterns Assignment

Name:

- Look at each of the patterns below and then decide "What comes next?" Color the pictures that continue the pattern.
  - "AB Patterns" Look at the jam pot pattern below. Can you tell what comes last? Color the last pot to continue the pattern.











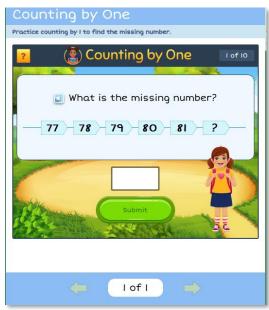


# **Math Grades K-3**

#### **Practice Online Activities**

Embedded online practice activities have been added to the elementary math curriculum to offer additional online practice in basic mathematical skills. The lessons are aligned to the Common Core standards and are sequenced to match the practice activities within the lessons. Students receive points in the grade book for completing the weekly activities.







### **Math Grades K-3**

#### **Lesson Notes**

In Math Grades 2 and 3 students will be asked to download and print lesson notes. They will fill out these notes when directed to throughout each lesson. Students will be asked to turn in the notes they take in the course.

# Lesson Notes

Print out your Lesson Notes to complete when told to do so on each page.

Click on the **Print** button to download and print your notes organizer for this lesson. When told to write in your Lesson Notes, use this form.



#### **Assessments**

In grades K-3 Math, students will encounter different assessments based on their grade level. In grades K-2 students will meet with their teacher once a week to complete a module synchronous session. This session is informal and involves a conversation between the student and teacher about the concepts taught that week. A rubric is included to help the teacher with grading this discussion based synchronous session. In grades K-3 every 9 modules students will meet with their teacher to complete a benchmark assessment. There is also a module quiz for students to complete in every module. Below is a chart that shows the breakdown of assessments by grade level in each Math course.

Course	Assessments
Math K	Module Quiz
	<ul> <li>Module Synchronous Session</li> </ul>
	<ul> <li>Synchronous Benchmarks (Every 6</li> </ul>
	Modules)
	Benchmark Assessment in Module 9 and 18
Math 1	Module Quiz
	<ul> <li>Module Synchronous Session</li> </ul>
	<ul> <li>Synchronous Benchmarks (Every 6</li> </ul>
	Modules)
	Benchmark Assessment in Module 9 and 18
Math 2	Module Synchronous Session
Math 3	Module Quiz

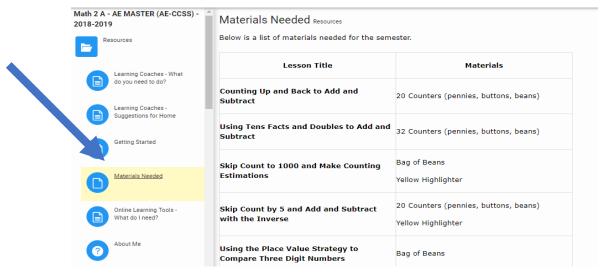


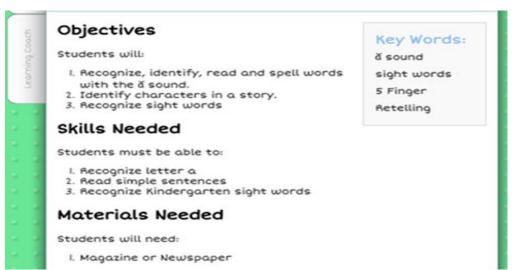
### **Math Grades K-3**

#### **Materials Needed**

Materials needed for each lesson will be listed prior to the lesson in the learning coach tab or a materials list for the course can be found in the Resources Module at the beginning of each course.

Students are expected to have typical school supplies such as: paper, pencils, crayons, markers, scissors, glue, etc. Students will also be expected to have access to books at their independent reading level.







### **Math Grades K-3**

#### **Learning Coach Tab**

Each lesson has a learning coach tab. The learning coach tab is a tab that has information for the adult that is helping the child progress through the course at home, it could be a parent, a grandparent or any other designated adult in that household.

The Learning Coach Tab is designed to help guide you through a lesson. Learning objectives, prerequisite skills, and any materials needed to complete the lesson will be listed. Look below to see a sample page of what the Learning Coach tab will look like under each lesson tab. \*Remember this page is for you to reference and help support your student.

### Objectives

Students will:

 This will list what students will be doing in a lesson.

#### Key Words

Any key concepts within the lesson will be listed here.

#### Skills Needed

Students must be able to:

 This will list the skills needed to complete the lesson objective.

#### Materials Needed

Students will need:

1. This will list the materials needed for the lesson.



# **Science Grades K-3**

#### **Course Overview**

Science in grades K-3 uses a mixture of exploring the world around them combined with hands on experiences using nature or common household items. Science courses are aligned to Next Generation Science Standards (NGSS). Each grade has 2 semester courses. Each course has 6 modules in it. The pacing per module should be 3 weeks so that the student can finish the course in 1 semester which is 18 weeks. The chart below summarizes the overarching science topics covered in each grade level.

Course	Life Science	Earth and Space Science	Physical Science	Science/ Engineering Practices
Science KA and B	Animal Behavior Animal Habitats Animal Camouflage Plant Growth Animals and their offspring Earth Worms and Soil	The Seasons Weather Stars and Constellations Ecosystems	Force and Motion Magnets States of Matter	Using Five Senses
Science 1A and B	Classifying leaves Seeds Animal Tracks Animal Needs Animal Habitats Animal Hibernation Nocturnal and Diurnal Animals Life Cycle of a Plant Pollination	Moon Phases Seasons Weather Constellations Erosion Pond, forest Ecosystems Cloud Formation	States of Matter	Scientific Inquiry Reading a Thermometer
Science 2A and B	Animal Behavior Animal Characteristics Animal Habitats Animal Needs Trees and Leaves Vertebrates and Invertebrates Warm- and Cold-Blooded Animals Food Chains Frog Life Cycle	Earthquakes and Volcanoes Biomes	Properties of Matter Heat and Temperature States of Matter	The Five Senses
Science 3A and B	Plant Respiration Trees Photosynthesis Roots of a Plant Plants and Water Absorption Life Cycles Heredity and Genetics Characteristics of Vertebrates Animals and Camouflage Plant Stems Biodiversity and Extinction	Earth and Sun Moon Phases Water Cycle Weather Global Climate Zones History of Life on Earth Landforms Seasons Interdependence of Man and Nature Natural Resources Caves Rock Cycle	Gravity Electricity Forces and Movement Magnetism	



# **Science Grades K-3**

#### **Lesson Structure**

While the overall structure is consistent from lesson to lesson, lessons will vary in the order and frequency with which they use or offer activity types. Each module contains several lessons. All lessons begin with a lesson intro page which is written and presented to the learning coach. Each lesson ends with an assignment. The number of pages in each lesson, and the types of activities students do for each lesson, may vary widely.

In general, each lesson consists of the following:

Lesson Component	Description
A lesson intro page (This is on the	It includes objectives, prerequisites, materials, and key words.
Learning Coach Tab)	As such, it can be a useful guide for you as a teacher.
Video presentations	Students will view at least one video per lesson; some lessons will contain many more videos, and some will have fewer, depending on the topics covered.
Questions and Show Me Activities	Often, lesson pages ask students to think about the answer to a question before clicking a button to see the answer. Encourage students to make sure they have a clear response in mind for each question before clicking to see the answer. The general idea of these activities is to encourage student engagement with the content.
Practice Activities	Students will encounter many chances to practice and get feedback on their progress during a lesson. Practice activities for this course may be online drag-and-drop exercises, multiple-choice questions, slideshows, or downloadable worksheets that students will fill out and send to you for feedback. In some cases, practice worksheets will be provided along with an answer key. These are intended for additional practice for students as a self-check.
Summative Assignment	As students complete each module, students will turn in the Lesson Assignment into the dropbox which will be in your teacher gradebook.



# **Social Studies Grades K-3**

#### **Course Overview**

Social Studies in grades K-3 cover a variety of topics. Each grade has 2 semester courses. Each semester last 18 weeks. In grades K-1 there are 18 modules in each course. Each module is meant to be completed in 1 week. In grades 2-3 there are 6 modules in each course. Each module is meant to be completed in 3 weeks. The chart below summarizes the overarching social studies topics covered in each grade level.

Course	Topics Covered		
Social Studies	All About Me	Map Skills	
KA and B	Rules and Consequences	My Neighborhood	
IVA alla D	Family	My State	
	Past, Present, Future	U.S. Symbols	
	Life in the Past	Currency	
	Historical Americans	Wants and Needs	
	American Holidays	Community	
	Everyday Heroes	Voting	
	Conflict Resolution	W. 110 h	
Social Studies	Map Skills	World Cultures	
1A and B	Climate and Weather	Past, Present and Future	
	Character Education/Conflict Resolution Government	Historical Americans Folklore	
	U.S. Symbols and Landmarks	Native Americans	
	Celebrations	Economics	
Social Studies	Ancient Chinese Folklore and Culture	Economics	
	Ancient African Culture and Fables		
2A and B	Ancient Celtic Cultures, Movement and Traditions		
	Map Skills		
	Geography of Africa and the British Isles		
	Environmental Regions		
	Locating Oceans and Continents		
	Human, Capital and Natural Resources		
	Economics		
	Laws and Voting		
	Women's Suffrage Movement		
	Community		
Social Studies	Ancient Hebrew Culture		
3A and B	Ancient Phoenician Culture		
	Ancient African Culture		
	Native Americans: The Cherokee, The Sioux, The Hopi		
	North American Exploration Map Skills		
	The United States Landscape		
	Life on the U.S. Frontier		
	Natural, Human and Capital Resources		
	Economics		
	Frontier Town		
	Laws and Government		



# **Social Studies Grades K-3**

### **Lesson Structure**

While the overall structure is consistent from lesson to lesson, lessons will vary in the order and frequency with which they use or offer activity types. Each module contains several lessons. All lessons begin with a lesson intro page which is written and presented to the learning coach. Each lesson ends with an assignment. The number of pages in each lesson, and the types of activities students do for each lesson, may vary widely.

In general, each lesson consists of the following:

Lesson Component	Description
A lesson intro page (This is on the Learning Coach Tab)	It includes objectives, prerequisites, materials, and key words. As such, it can be a useful guide for you as a teacher.
Video presentations	Students will view at least one video per lesson; some lessons will contain many more videos, and some will have fewer, depending on the topics covered.
Questions and Show Me Activities	Often, lesson pages ask students to think about the answer to a question before clicking a button to see the answer. Encourage students to make sure they have a clear response in mind for each question before clicking to see the answer. The general idea of these activities is to encourage student engagement with the content.
Practice Activities	Students will encounter many chances to practice and get feedback on their progress during a lesson. Practice activities for this course may be online drag-and-drop exercises, multiple-choice questions, slideshows, or downloadable worksheets that students will fill out and send to you for feedback. In some cases, practice worksheets will be provided along with an answer key. These are intended for additional practice for students as a self-check.
Summative Assignment	As students complete each module, students will turn in the Lesson Assignment into the dropbox which will be in your teacher gradebook.