

Elementary Grades K-3 CURRICULUM OVERVIEW



ENGLISH LANGUAGE ARTS GRADES K-3 ______3

Course setup	3
Module Lessons	3
Independent Reading	5
Student Audio Recordings	5
Weekly Assignments	6
Materials Needed	7
Learning Coach Tab	7

MATH GRADES K-3

Course Setup	8
Module Lessons	8
Math Assignments	9
IXL Activities	9
Lesson Notes	10
Assessments	10
Materials Needed	11
Learning Coach Tab	12

SCIENCE GRADES K-3 ______13

Course Overview	.13
Lesson Structure	.14

SOCIAL STUDIES GRADES K-3 15 Course Overview 15

8

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 60-75 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 can be found in the Resources module in 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

Course Length	Modules	Lessons per Module	Common Module Tasks	Assessments
1 semester	18	5	 Lessons that include videos, reading, and interactive games. Independent Reading Assignment Reading Fluency/ Story Retell Recording (K-2) Fluency Recording (Grade 3) Writing Audio Practice Recording (Grade 3) Weekly Assignments 	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

MODULE LESSONS

Each module in the K-3 Language arts courses has 5 lessons. A student should complete 1 lesson a day in order to 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 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.
Writing Writing	Students may also practice finding grammatical errors in a paragraph each week.
Phonics Phonics	A different type of writing is introduced each week using the writing process. Prewriting, drafting, editing, revising and publishing stages are all practiced.
Fluency	There are weekly phonics activities incorporated in each lesson within each module.
Handwriting	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.

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

Materials needed for each lesson will be listed prior to the lesson in the learning coach tab. The materials list for the course can also be found in the resource module at the beginning of each course.

DAY 1	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

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.
Videos	Videos are used to support the understanding of new concepts throughout the course.
Worksheets	Worksheets are included as another method of practicing each concept throughout the year.

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.



Independent Reading Log Weekly Reading Log Questions You may choose a book to read independently each week. The librarian at the local library can help you find If you read a fiction book, answer the questions in the Fiction column. If you read a non-fiction book, answer the appropriate books to read, or you can visit the website shown below. questions in the non-fiction column. https://lexile.com/findabook/ Weekly Reading Log Questions Each week, you will be asked to answer the following questions about the book you read. Make sure you can answer these questions by the end of each Non-Fiction week. I. Who was the main character(s)? What is it about? Non-Fiction Describe two events in the story 2. Describe/Explain three things that that you liked. vou learned. I. Who was the main character(s)? I. What is it about? 3. What did the main character learn 2. Describe two events in the story 2. Describe/Explain three things that or do in the end? that you liked. you learned. 3. What did the main character learn or do in the end? Read To/ Pages Read Week Author Bead Alone ī

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 writings out loud. Students are taught how to do a recording in the Resources module of the course.

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.



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.

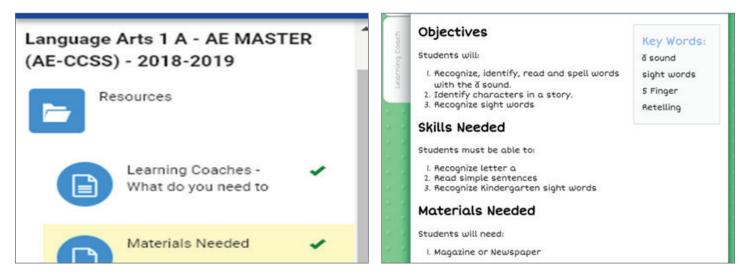
Below is a chart that shows the types of quizzes students will be given per module by grade level in English Language Arts in addition to the assessments mentioned above.

Course	Module Quizzes
Language Arts 1	Spelling Reading Comprehension
Language Arts 2	 Spelling Reading Comprehension Vocabulary Grammar
Language Arts 3	 Spelling Reading Comprehension Vocabulary Grammar

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 resource 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. The learning coach 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 sea sample page of what the learning coach tab will look like under each

Objectives

Students will:

1. 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:

1. 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.

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 benchmark assessment every 9 modules. 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.

Course Length	Modules	Common Module Tasks	Assessments
1 semester	18	Lessons that include videos, reading, and	Grades K-3
		interactive activities.	Benchmark Assessments (Every 9 modules)
		IXL online practice	Grades 1-3
		Worksheets	Module Quiz
		Lesson Notes	

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.
Videos	Videos are used to support the understanding of new concepts throughout the course.
Worksheets	Worksheets are included as another method of practicing each concept throughout the year.

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

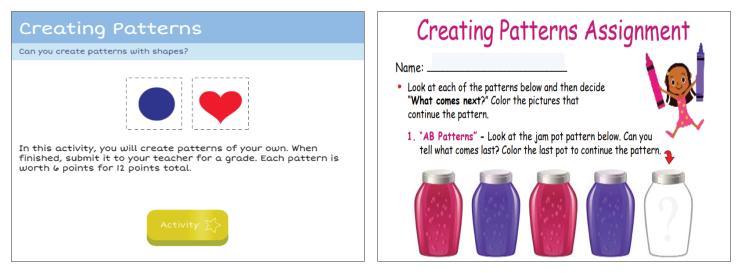
Geometry and Fractions

Time and Money

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

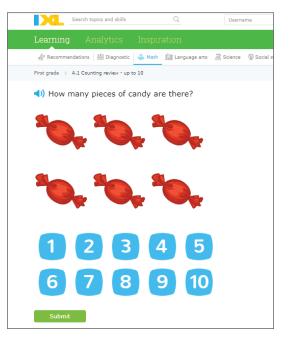
MATH ASSIGNMENTS

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.



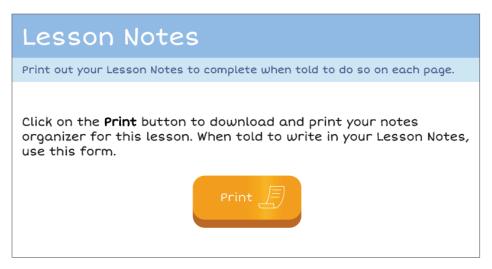
IXL ACTIVITIES

IXL offers 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. There is a guide in the resource module of each math course that shows teachers how to set up and use IXL.



LESSON NOTES

2nd and 3rd grade math students will be asked to download and print lesson notes. They will fill out these notes when directed throughout each lesson. Students will be asked to turn in their notes.



ASSESSMENTS

In grades K-3, math students will encounter different assessments based on their grade level. In grades K-3, students will meet with their teacher every 9 modules 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 Synchronous Benchmarks (Every 6 Modules) Benchmark Assessment in Module 9 and 18
Math 1	 Module Quiz Synchronous Benchmarks (Every 6 Modules) Benchmark Assessment in Module 9 and 18
Math 2	• Module Quiz
Math 3	• Module Quiz

MATERIALS NEEDED

Materials needed for each lesson will be listed prior to the lesson in the learning coach tab. The materials list for the course can also be found in the resource module at the beginning of each course.

Students are expected to have typical school supplies such as: paper, pencils, crayons, markers, scissors, glue, etc.

Math 2 A - AE MASTER (AE-CCSS) -	Materials Needed Resources Below is a list of materials needed for the semester.		
Resources	Lesson Title	Materials	
Learning Coaches - What do you need to do?	Counting Up and Back to Add and Subtract	20 Counters (pennies, buttons, beans)	
Getting Started	Using Tens Facts and Doubles to Add and Subtract	32 Counters (pennies, buttons, beans)	
Materials Needed	Skip Count to 1000 and Make Counting Estimations	Bag of Beans Yellow Highlighter	
Online Learning Tools - What do I need?	Skip Count by 5 and Add and Subtract with the Inverse	20 Counters (pennies, buttons, beans) Yellow Highlighter	
About Me	Using the Place Value Strategy to Compare Three Digit Numbers	Bag of Beans	

Objectives

Students will:

ng coact

- I. Recognize, identify, read and spell words with the & sound.
- Identify characters in a story.
 Recognize sight words

Skills Needed

Students must be able to:

- I. Recognize letter a
- 2. Read simple sentences
- 3. Recognize Kindergarten sight words

Materials Needed

Students will need:

I. Magazine or Newspaper

Key Words:

- ă sound
- sight words 5 Finger
- Retelling

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.

Objectives

Students will:

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

Skills Needed

Students must be able to:

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

Materials Needed

Students will need:

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

Key Words

Any key concepts within the lesson will be listed here.

Science Grades K-3

COURSE OVERVIEW

K-3 Science 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 Ani- mals 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	

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 the 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 the teacher 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 drop box which will be in your teacher gradebook.

Social Studies Grades K-3

COURSE OVERVIEW

K-3 Social Studies will 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	
	All About Me	Map Skills
	Rules and Consequences	My Neighborhood
	Family	My State
Social	Past, Present, Future	U.S. Symbols
Studies	Life in the Past	Currency
KA and B	Historical Americans	Wants and Needs
	American Holidays	Community
	Everyday Heroes	Voting
	Conflict Resolution	
Social Studies 1A and B	Map Skills	World Cultures
	Climate and Weather	Past, Present and Future
	Character Education/Conflict Resolution	Historical Americans
	Government	Folklore
	U.S. Symbols and Landmarks	Native Americans
	Celebrations	Economics
	Ancient Chinese Folklore and Culture	Ancient African Culture and Fables
Contal	Ancient Celtic Cultures, Movement and Traditions	Map Skills
Social Studies	Geography of Africa and the British Isles	Environmental Regions
2A and B	Locating Oceans and Continents	Human, Capital and Natural Resources
	Economics	Laws and Voting
	Women's Suffrage Movement	Community
	Ancient Hebrew Culture	Ancient Phoenician Culture
Social Studies 3A and B	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

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 the 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 the teacher 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 drop box which will be in your teacher gradebook.



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