K12 Course Guidance

How to adapt courses to account for lack of materials and limited Learning Coach availability.

This document is intended for **those who are using K12's courses but don't have access to their full materials kits**. It will help you know which parts of the course will most likely work best for you and which you might adapt or avoid due to a materials dependency. It will also help you understand where students are able to complete lesson work independently and where Learning Coach/Teacher guidance is necessary (identified as "Most Robust Path" vs. "Simple Path").

Safety Alert

K12 takes the health and safety of its students, their families, and the communities in which they live very seriously. As a result, please omit all activities in any course which require you or your student to leave your home to complete the activity, or to gather supplies for it, until social distancing guidelines or mandates related to the COVID-19 virus are relaxed to the appropriate level in your area.

Materials

We are providing e-book or PDF versions of course books/materials where we can. In some cases, though, courses call for books that must be acquired externally. See specifics regarding books and other materials adaptations within each course section.

Some courses require students to complete work offline on activity book pages/activity sheets. Where PDFs or Word docs of these are linked in courses, students should print the pages if they have access to a printer. If printer access is not available, students can simply refer to the digital files and write their answers on their own paper.

Accessibility

K12 is committed to ensuring that its courses and resources are accessible to all users. Our goal is for all our courses to meet the Web Content Accessibility Guidelines Version 2 (WCAG 2.0 Level AA) recommendations of the World Wide Web Consortium (W3C). The range of curriculum provided and the dates it was created and updated may affect current accessibility in some instances, but newer curriculum and resources are very close to this goal, while legacy elements are in iterative updates to bring more of these resources into accessibility compliance. The K12 policy and procedure for reporting difficulties with accessibility can be located at https://www.k12.com/accessibility.html.

Mobile Readiness

K12's courses are usable on both desktop/laptop computers and tablets, with some usability on mobile phones, though desktop/laptop use provides the ideal experience. In terms of mobile devices, tablets will provide the best experience.

Assessments
K12's courses include a variety of assessment formats:

- Online, Computer-Scored
  Learning Coaches/Teachers do not need to do anything with these assessments. They are embedded online within the courses, and the system handles submitting and scoring them as students complete them.

- Offline, Teacher-Graded
  Some assessments, such as writing assignments, must be submitted to teachers for grading. In Middle School and High School teacher-graded assignments are submitted via a Dropbox tool within the courses. In the K-5 courses, a Dropbox tool is not available. In these cases, teachers should communicate an assignment submission plan that will work for their students. This might include emailing assignment documents, sending teachers a link to a Google doc, sending teachers a photo of a completed assignment, etc.

- Offline Observational, Learning-Coach Evaluated
  Offline observational assessments (grades K-2, and sparingly in science and social studies 3-5) are led and evaluated by Learning Coaches. In these assessments, Learning Coaches ask students to perform a task, and then evaluate the student's response. For example, the Learning Coach might ask students to sort a set of blocks by color, and then record the result online for grading. Teachers may be able to conduct observational assessments via a video conferencing tool.

Table of Contents

Grades K–5

K5 English Language Arts Summit

ELA Blue Summit

ELA Blue - Language Skills Summit

The first half of each lesson is offline, led by the Learning Coach/Teacher; the second half is online. PDFs of the Lesson Guides are available throughout the course. The full *All About Me* book is linked as a PDF in the Unit Introduction: Colors, Body Parts, and Poems activity of unit 1, lesson 1.

- **Most Robust Path**
  - Learning Coach/Teacher: Follow the instructions in the Lesson Guide to complete offline work with students.
  - Students: Complete just the online portion of each lesson (second half of each lesson).
- **Simple Path**
  - Students: Complete the online portion of each lesson (second half of each lesson).

Shipped-in trade books: Neither eBooks nor PDFs are provided in the course. You will need to acquire these books or use the online read-aloud videos linked below. Alternatively, you may choose to skip the lessons that focus on the following selections until the remainder of your materials arrive:

Tomie dePaola's Rhyme Time (Note: This is a book of poems. If searching online for read alouds, you'll need to search by poem title as listed in the Lesson Guide.)

The Rooster Crows (Note: This is a book of poems. If searching online for read alouds, you'll need to search by poem title as listed in the Lesson Guide.)

ELA Blue - Literature & Comprehension Summit

Lessons are mostly offline, led by the Learning Coach/Teacher. PDFs of the Lesson Guides and Activity Book pages are available throughout the course. Reading selections are located via the following:

Read Aloud Treasury (RAT): The full book is linked as a PDF in the Unit Introduction: Unit Opener activity of unit 1, lesson 1. There are also audio recordings of the RAT selections linked as Learning Coach materials throughout the course.

Nonfiction magazines: Each full magazine is linked as a PDF in the Unit Introduction: Unit Opener activity of unit 1, lesson 1. These include:
- K12 World Amazing Places
- K12 World Animals Around the World
- K12 World Taking Care of Ourselves and Our Earth

Rarely are eBooks or PDFs able to be provided in the course at this time. If available, an ebook will be linked at point of use. Otherwise, you will need to acquire these books, such as from a local library offering digital books or by searching online for read-aloud videos. Alternatively, you may choose to modify adult-led components of lessons to utilize similar Big Universe texts, or skip the lessons that focus on the following selections until the remainder of your materials arrive.

A Chair for My Mother
Mike Mulligan and His Steam Shovel
Caps for Sale
Make Way for Ducklings
A Story, A Story
Tikki Tikki Tembo
The Complete Adventures of Peter Rabbit (Note: This is an anthology. If searching online for read alouds, you'll need to search by poem title as listed in the Lesson Guide.)
The Snowy Day

You may choose to skip the Reader's Choice units until the remainder of your materials arrive. If you choose to complete these units, refer to each unit for book options.

- **Most Robust Path**
    - Learning Coach/Teacher: Follow the instructions in the Lesson Guides to complete all offline work with students.
- **Simple Path**
    - Students: Listen to the reading selections or read with Learning Coach/Teacher. Complete the Activity Book pages.

ELA Blue - Phonics Summit

The first half of each lesson is offline, led by the Learning Coach/Teacher; the second half is online. PDFs of the Lesson Guide, Activity Book, and Assessments Book pages, as well as the Readers, are available in the course.

- **Most Robust Path**
    - Learning Coach/Teacher: Follow the instructions in the Lesson Guides to complete offline work with students. For activities that call for the Phonics Tile Kit, a free online version is temporarily available. Alternatively, you can use K-2_ELA_Math_manipulative_alternatives.pdf to print out and create your own paper versions.
    - Students: Complete just the online portion of each lesson (second half of each lesson).
- **Simple Path**
    - Students: Complete the online portion of each lesson (second half of each lesson). Complete the Activity Book pages.

ELA Blue - Handwriting Summit

Handwriting lessons are based entirely on third-party materials. In lieu of using these materials, have students spend 10 minutes practicing writing all letters of the alphabet, both lowercase and uppercase, and practicing writing letters and words of their choice.

ELA Green Summit

ELA Green - Vocabulary Summit

Lessons are all online. PDFs of the Lesson Guides are available in the course. Students should generally be able to complete all lessons on their own, so "robust" vs. "simple" paths are not suggested.

ELA Green - Literature & Comprehension Summit

Lessons are mostly offline, led by the Learning Coach/Teacher. PDFs of the Lesson Guide, Activity Book, and Assessments Book pages are available throughout the course, as well as PDFs of the Story Cards. Reading selections are located via the following:

Classics for Young Readers, Volume A: The full book is linked as a PDF in the Unit Introduction: How Are You Feeling? activity of unit 1, lesson 1. There are also audio recordings of the selections linked as materials throughout the course.

Nonfiction magazines: Each full magazine is linked as a PDF in the Unit Introduction: How Are You Feeling? activity of unit 1, lesson 1. These include:
- K12 World Critter and Creature Stories
- K12 World Earth and Sky
- K12 World People and Places of the Past
- K12 World The Science of Inventing

Rarely are eBooks or PDFs able to be provided in the course at this time. If available, an ebook will be linked at point of use. Otherwise, you will need to acquire these books, such as from a local library offering digital books or by searching online for read-aloud videos. Alternatively, you may choose to modify adult-led components of lessons to utilize similar Big Universe texts, or skip the lessons that focus on the following selections until the remainder of your materials arrive.

A Picture for Harold's Room
Amelia Bedelia
And I Mean It, Stanley
Bedtime for Frances
Danny and the Dinosaur
Frog and Toad Are Friends
Harry and the Lady Next Door
Listen, My Children: Poems for First Graders (Note: this is a collection of poems. If searching online for read alouds, you'll need to search by poem title as listed in the Lesson Guide)
Little Bear
Here Comes the Parade

Owl at Home
Ready . . . Set . . . Read!: The Beginning Reader's Treasury (Note: this is an anthology; if searching online for read alouds, you'll need to search by story title as listed in the Lesson Guide)
Sylvester and the Magic Pebble
Tales of Amanda Pig
The First Thanksgiving
The Legend of the Bluebonnet
Weather: Poems for All Seasons (Note: this is a collection of poems. If searching online for read alouds, you'll need to search by poem title as listed in the Lesson Guide)
Who Will Be My Friends?

You may choose to skip the Reader's Choice units until the remainder of your materials arrive. If you choose to complete these units, refer to each unit for book options.

- **Most Robust Path**
  - Learning Coach/Teacher: Follow the instructions in the Lesson Guides to complete all offline work with students.
- **Simple Path**
  - Students: Listen to the reading selections or read with Learning Coach/Teacher. Complete the Activity Book pages. Complete the My Journal pages.

ELA Green - Handwriting & Writing Skills Summit

Lessons are mostly offline, led by the Learning Coach/Teacher. PDFs of the Lesson Guides and Activity Book pages are available in the course.

Handwriting lessons are based entirely on third-party materials. In lieu of using these, you can have students spend 10 minutes practicing writing words and sentences of their choice.

- **Most Robust Path**
  - Learning Coach/Teacher: Follow the instructions in the Lesson Guides to complete all offline work with students.
- **Simple Path**
  - Students: Complete the Activity Book pages. Complete the My Journal pages.

ELA Green - Phonics & Spelling Summit

The first half of each lesson is offline, led by the Learning Coach/Teacher; the second half is online. PDFs of the Lesson Guide, Activity Book, Spelling Handbook, and Assessments Book pages, as well as the Readers, are available in the course.

- **Most Robust Path**
  - Learning Coach/Teacher: Follow the instructions in the Lesson Guides to complete offline work with students. For activities that call for the Phonics Tile Kit, a [free online version](#) is temporarily available. Alternatively, can use K-2_ELA_Math_manipulative_alternatives.pdf to print out and create your own paper versions.
  - Students: Complete the online portion of each lesson (second half of each lesson).

- **Simple Path**
    - Students: Complete just the online portion of each lesson (second half of each lesson). Complete the Activity Book pages.

ELA Orange Summit

ELA Orange - Vocabulary Summit

Lessons are all online. PDFs of the Lesson Guides are available in the course. Students should generally be able to complete all lessons on their own, so "robust" vs. "simple" paths are not suggested.

ELA Orange - Literature & Comprehension Summit

Lessons are mostly offline, led by the Learning Coach/Teacher. PDFs of the Lesson Guides and Activity Book pages are available throughout the course. Reading selections are located via the following:

Classics for Young Readers, Volume B: The full book is linked as a PDF in the Lesson Introduction: Language Arts Orange | Literature and Comprehension activity of unit 1, lesson 1. There are also audio recordings of the selections linked as materials throughout the course.

Nonfiction magazines: Each full magazine is linked as a PDF in the Lesson Introduction: Language Arts Orange | Literature and Comprehension activity of unit 1, lesson 1. These include:
- K12 World All About Ancient Rome
- K12 World Stories of America
- K12 World Wings, Antennae, and Tails

Rarely are eBooks or PDFs able to be provided in the course at this time. If available, an ebook will be linked at point of use. Otherwise, you will need to acquire these books, such as from a local library offering digital books or by searching online for read-aloud videos. Alternatively, you may choose to modify adult-led components of lessons to utilize similar Big Universe texts, or skip the lessons that focus on the following selections until the remainder of your materials arrive.

Shipped-in trade books: Neither eBooks nor PDFs are provided in the course. You will need to acquire these books or search online for read-aloud videos. Alternatively, you may choose to skip the lessons that focus on the following selections until the remainder of your materials arrive:

Buddy: The First Seeing Eye Dog
Cam Jansen: The Mystery of the Stolen Diamonds
Clara and the Bookwagon
Listen, My Children: Poems for Second Graders edited (Note: this is a collection of poems. If searching online for read alouds, you'll need to search by poem title as listed in the Lesson Guide)
Peter Pan by J.M. Barrie, adapted
Sam the Minuteman
Surprises! (Note: this is a collection of poems. If searching online for read alouds, you'll need to search by poem title as listed in the Lesson Guide)
The Bears on Hemlock Mountain
The Josefina Story Quilt

The Long Way Westward
Volcanoes! Mountains of Fire
A Weed Is a Flower: The Life of George Washington Carver

You may choose to skip the Reader's Choice units until the remainder of your materials arrive. If you choose to complete these units, refer to each unit for book options.

- **Most Robust Path**
  - Learning Coach/Teacher: Follow the instructions in the Lesson Guides to complete all offline work with students.
- **Simple Path**
  - Students: Listen to the reading selections or read with Learning Coach/Teacher. Complete the Activity Book pages.

ELA Orange - Writing Skills Summit

Lessons are mostly offline, led by the Learning Coach/Teacher. PDFs of the Lesson Guides and Activity Book pages are available in the course.

- **Most Robust Path**
  - Learning Coach/Teacher: Follow the instructions in the Lesson Guides to complete all offline work with students.
- **Simple Path**
  - Students: Complete the Activity Book pages.

ELA Orange - Spelling Summit

Lessons are mostly offline, with the exception of the Review and Unit Checkpoint lessons. PDFs of the Spelling Handbook and Activity Bank are available in the course.

- **Most Robust Path**
  - Learning Coach/Teacher: Follow the instructions in the Lesson Guides to complete offline work with students.
  - Students: Complete the online activities in the Review and Unit Checkpoint lessons.
- **Simple Path**
  - Students: Complete just the online activities in the Review and Unit Checkpoint lessons.

ELA Orange - Handwriting Summit

Handwriting lessons are based entirely on third-party materials. In lieu of using these, you can have students spend 10 minutes practicing writing words and sentences of their choice.

ELA Purple Summit

ELA Purple - Vocabulary Summit

Lessons are all online. PDFs of the Lesson Guides are available in the course. Students should generally be able to complete all lessons on their own, so "robust" vs. "simple" paths are not suggested.

ELA Purple - Literature & Comprehension Summit

Lessons are a combination of offline (led by the Learning Coach/Teacher) and online work. PDFs of the Lesson Guides and Activity Book pages are available throughout the course. Reading selections are located via the following:

Classics for Young Readers Volume C: The full book is linked as a PDF in the Course Introduction: Welcome to Language Arts Purple: Literature & Comprehension activity of unit 1, lesson 1.

Nonfiction magazine: The full magazine, K12 World Weather or Not, is linked as a PDF in the Course Introduction: Welcome to Language Arts Purple: Literature & Comprehension activity of unit 1, lesson 1.

The Glory of Greece: The full book is linked as a PDF in the Course Introduction: Welcome to Language Arts Purple: Literature & Comprehension activity of unit 1, lesson 1.

Shipped-in trade book: Neither an eBook nor a PDF is provided. You may choose to skip the lessons that focus on the following selection until the remainder of your materials arrive

George Washington: Soldier, Hero, President by Justine Fontes and Ron Fontes

You may choose to skip the Reader's Choice units until the remainder of your materials arrive. If you choose to complete these units, refer to each unit for book options.

- **Most Robust Path**
  - Learning Coach/Teacher: Follow the instructions in the Lesson Guides to complete all offline work with students.
- **Simple Path**
  - Students: Read the reading selections. Skip the Introduce lessons. Complete the Explore and Reflections on lessons, including the Activity Book pages.

ELA Purple - Writing Skills Summit

Lessons are a combination of offline and online work. Students should be able to complete all work fairly independently, with occasional support from the Learning Coach/Teacher. PDFs of the Lesson Guides and Activity Book pages are available in the course. Since students should generally be able to complete all lessons on their own, "robust" vs. "simple" paths are not suggested.

ELA Purple - Spelling Summit

Lessons are mostly offline, with the exception of the Review and Unit Checkpoint lessons. PDFs of the Spelling Handbook and Activity Bank are available in the course.

- **Most Robust Path**
    - Learning Coach/Teacher: Follow the instructions in the Lesson Guides to complete offline work with students.
    - Students: Complete the online activities in the Review and Unit Checkpoint lessons.
- **Simple Path**
    - Students: Complete just the online activities in the Review and Unit Checkpoint lessons.

ELA Purple - Cursive Handwriting Summit

Handwriting Lessons are based entirely on third-party materials. If students are familiar with cursive letter formation, in lieu of using the materials, have them spend 10 minutes practicing using cursive handwriting to write words and sentences of their choice. If they are **not** familiar with cursive letter formation, have them spend 10 minutes practicing using print to write words and sentences of their choice.

ELA 3 Summit

Lessons are a combination of online and offline work. Students should be able to complete all work fairly independently, with occasional support from the Learning Coach/Teacher. PDFs of the Lesson Guides and Activity Book pages are available in the course. Since students should generally be able to complete all lessons on their own, "robust" vs. "simple" paths are not suggested.

Reading selections are located via the following:

Expeditions in Reading: eBook links are provided at point of use within the Reading lessons.

Nonfiction magazine: eBook links are provided at point of use within the Reading lessons.

The Glory of Greece: eBook links are provided at point of use within the Reading lessons.

Shipped-in trade books: Neither an eBook nor a PDF is provided. You may choose to skip the lessons that focus on the following selections until the remainder of your materials arrive:

- *Grandfather's Journey* by Allen Say
- *Tea with Milk* by Allen Say
- *The Sign Painter* by Allen Say
- *Curious About Snow* by Gina Shaw
- *Snowflake Bentley* by Jacqueline Briggs Martin
- *Bear and Wolf* by Daniel Salmieri
- *The Tale of Despereaux* by Kate DiCamillo
- *Michelle Obama First Lady, Going Higher* by Shana Corey
- *I Dissent!* by Debbie Levy

You may choose to skip the Choice Reading Project unit until the remainder of your materials arrive. If you choose to complete this unit, refer to the unit for book options.

Handwriting Lessons are based entirely on third-party materials. If students are familiar with cursive letter formation, in lieu of using the materials, have them spend 10 minutes practicing using cursive handwriting to write words and sentences of their choice. If they are **not** familiar with cursive letter formation, have them spend 10 minutes practicing using print to write words and sentences of their choice.

ELA Red Summit

ELA Red - Vocabulary Summit

Lessons are all online. PDFs of all materials are available in the course. Students should generally be able to complete all lessons on their own, so "robust" vs. "simple" paths are not suggested.

ELA Red - Literature Summit

Lessons are offline (led by the Learning Coach/Teacher). PDFs of the Learning Coach Guides, Student Guides, and student activity pages are available in the course. Reading selections are located via the following:

Classics for Young Readers, Volumes 4A and 4B: Each full book is linked as a PDF in the Unit Introduction: Lessons Learned activity of unit 1, lesson 1.

Robinson Crusoe (K12 edition, retold for young readers): The full book is linked as a PDF in the Unit Introduction: Lessons Learned activity of unit 1, lesson 1.

Nonfiction magazines: Neither e-books nor PDFs are provided. You may choose to skip the lessons that focus on the following selections until the remainder of your materials arrive:
Feathers, Flippers, and Fur
Nature's Way

Shipped-in trade book: Neither an e-book nor a PDF is provided. You will need to either acquire this book, or alternatively, you may choose to skip the lessons that focus on the following selection until the remainder of your materials arrive:

If You Lived in the Days of the Knights by Ann McGovern

You may choose to skip the Reader's Choice Novels units until the remainder of your materials arrive. If you choose to complete these units, refer to each unit for book options.

- **Most Robust Path**
  - Learning Coach/Teacher: Follow the instructions in the Learning Coach Guides to complete all offline work with students.
- **Simple Path**
  - Students: Read the reading selections. Complete the Student Guides and any activity pages.

ELA Red - GUM Summit

Lessons are offline (led by the Learning Coach/Teacher). PDFs of the Learning Coach Guides and student activity pages are available in the course. Some activities require a third-party book called *Exercises in English*; you may choose to skip these activities until the remainder of your materials arrive.

- **Most Robust Path**
  - Learning Coach/Teacher: Follow the instructions in the Learning Coach Guides to complete offline work with students.
  - Students: Complete the online Unit Checkpoints.
- **Simple Path**
  - Students: Complete just the Get Ready and Try It activity pages, optional Student Guides, and the online Unit Checkpoints.

ELA Red - Composition Summit

Lessons are offline (led by the Learning Coach/Teacher). PDFs of the Learning Coach Guides and student activity pages are available in the course. However, this course is heavily based on third-party books called *Writing in Action! Level C* and *Writing in Action! Level D*. These books are not available within the course, nor is K12 able to provide digital versions. If you can acquire copies of the books, the Learning Coach/Teacher should follow the instructions in the Learning Coach Guides to complete offline work with students. If you cannot acquire copies of the books, you may choose to skip the writing units until the remainder of your materials have arrived.

ELA Red - Spelling Summit

Lessons are offline (led by the Learning Coach/Teacher). PDFs of the Learning Coach Guides and student activity pages are available in the course.

- **Most Robust Path**
  - Learning Coach/Teacher: Follow the instructions in the Learning Coach Guides to complete offline work with students.
- **Simple Path**
  - Students: Complete activities in the Learning Coach Guides that can be done independently as well as any student activity pages.

ELA 4 Summit

Lessons are a combination of online and offline work. Students should be able to complete all work fairly independently, with occasional support from the Learning Coach/Teacher. PDFs of the Lesson Guides and Activity Book pages are available in the course. Since students should generally be able to complete all lessons on their own, "robust" vs. "simple" paths are not suggested.

Reading selections are located via the following:

Expeditions in Reading: eBook links are provided at point of use within the Reading lessons.

Nonfiction magazine: eBook links are provided at point of use within the Reading lessons.

Shipped-in trade books: Neither an eBook nor a PDF is provided. You may choose to skip the lessons that focus on the following selections until the remainder of your materials arrive:

- *Adelita* by Tomie dePaola
- *Glass Slipper, Gold Sandal: A Worldwide Cinderella* by Paul Fleischman and Julie Paschkis
- *Yeh-Shen* retold by Ai-Ling Louie
- *Pax* by Sara Pennypacker
- *The Quilting Bee* by Gail Gibbons
- *Sweet Clara and the Freedom Quilt* by Deborah Hopkins
- *The Keeping Quilt* by Patricia Polacco
- *Pink and Say* by Patricia Polacco
- *Baseball Saved Us* by Ken Mochizuki
- *Coral Reefs* by Kristin Rattini
- *Coral Reefs* by Jason Chin

You may choose to skip the Choice Reading Project unit until the remainder of your materials arrive. If you choose to complete this unit, refer to the unit for book options.

ELA Yellow Summit

ELA Yellow - Vocabulary Summit

Lessons are all online. PDFs of all materials are available in the course. Students should generally be able to complete all lessons on their own, so "robust" vs. "simple" paths are not suggested.

ELA Yellow - Literature Summit

Lessons are offline (led by the Learning Coach/Teacher). PDFs of the Learning Coach Guides, Student Guides, and student activity pages are available in the course. Reading selections are located via the following:

Classics for Young Readers, Volumes 5A and 5B: Each full book is linked as a PDF in the Unit Introduction: Lessons Learned activity of unit 1, lesson 1.

Don Quixote (K12 edition, retold for young readers): The full book is linked as a PDF in the Unit Introduction: Lessons Learned activity of unit 1, lesson 1.

American Lives and Legends: The full book is linked as a PDF in the Unit Introduction: Lessons Learned activity of unit 1, lesson 1.

Nonfiction magazines: Neither e-books nor PDFs are provided. You may choose to skip the lessons that focus on the following selections until the remainder of your materials arrive:
Curious Creatures
I Didn't Know That

Bard of Avon: The Story of William Shakespeare by Diane Stanley and Peter Vennema
American Tall Tales by Adrien Stoutenburg

Shipped-in trade books: Neither e-books nor PDFs are provided. You will need to either acquire these books, or choose to skip the lessons that focus on the following selections until the remainder of your materials arrive:

You may choose to skip the Reader's Choice Novels units until the remainder of your materials arrive. If you choose to complete these units, refer to each unit for book options.

- **Most Robust Path**
  - Learning Coach/Teacher: Follow the instructions in the Learning Coach Guides to complete all offline work with students.
- **Simple Path**
  - Students: Read the reading selections. Complete the Student Guides and any activity pages.

ELA Yellow - GUM Summit

Lessons are offline (led by the Learning Coach/Teacher). PDFs of the Learning Coach Guides and student activity pages are available in the course. Some activities require a third-party book called *Exercises in English*; skip these activities until the remainder of your materials arrive.

- **Most Robust Path**
  - Learning Coach/Teacher: Follow the instructions in the Learning Coach Guides to complete offline work with students.
  - Students: Complete the online Unit Checkpoints.
- **Simple Path**
  - Students: Complete just the Get Ready and Try It activity pages, optional Student Guides, and the online Unit Checkpoints.

ELA Yellow - Composition Summit

Lessons are offline (led by the Learning Coach/Teacher). PDFs of the Learning Coach Guides and student activity pages are available in the course. However, this course is heavily based on third-party books called *Writing in Action! Level E* and *Writing in Action! Level F*. These books are not available within the course, nor is K12 able to provide digital versions. If you can acquire copies of the books, the Learning Coach/Teacher should follow the instructions in the Learning Coach Guides to complete offline work with students. If you cannot acquire copies of the books, you may choose to skip the writing units until the remainder of your materials have arrived.

ELA Yellow - Spelling Summit

Lessons are offline (led by the Learning Coach/Teacher). PDFs of the Learning Coach Guides and student activity pages are available in the course.

- **Most Robust Path**
    - Learning Coach/Teacher: Follow the instructions in the Learning Coach Guides to complete offline work with students.
- **Simple Path**
    - Students: Complete activities in the Learning Coach Guides that can be done independently as well as any student activity pages.

ELA 5 Summit

Lessons are a combination of online and offline work. Students should be able to complete all work fairly independently, with occasional support from the Learning Coach/Teacher. PDFs of the Lesson Guides and Activity Book pages are available in the course. Since students should generally be able to complete all lessons on their own, "robust" vs. "simple" paths are not suggested.

Reading selections are located via the following:

Expeditions in Reading: eBook links are provided at point of use within the Reading lessons.

Nonfiction magazine: eBook links are provided at point of use within the Reading lessons.

Shipped-in trade books: Neither an eBook nor a PDF is provided. You may choose to skip the lessons that focus on the following selections until the remainder of your materials arrive:

Sarah, Plain and Tall by Patricia McLachlan
Caleb's Story by Patricia McLachlan
Mesmerized: How Ben Franklin Solved a Mystery that Baffled all of France by Mara Rockliff
The Mary Celeste: An Unsolved Mystery from History by Jane Yolen
Queen of the Falls by Chris Van Allsburg
Where is Niagara Falls? by Megan Stine
A Wrinkle in Time by Madeleine L'Engle
Hidden Figures by Margot Lee Shetterly
You Should Meet: Katherine Johnson by Thea Feldman
Who is Sonia Sotomayor? by Megan Stine
Inside Out and Back Again by Thanhha Lai
The Adventure of the Six Napoleons by Vincent Goodwin

You may choose to skip the Choice Reading Project unit until the remainder of your materials arrive. If you choose to complete this unit, refer to the unit for book options.

K5 Math+ Summit

K5 Math+ Blue Summit
K5 Math+ Green Summit
K5 Math+ Orange Summit

Lessons have a mixture of online and offline activities. Online activities are completed by the student, with the Learning Coach providing help as needed. Offline activities are led by the Learning Coach/Teacher. PDFs of the Lesson Guides and Activity Book pages are available in the course.

- **Most Robust Path**
  - Learning Coach/Teacher: Follow the instructions in the Lesson Guide to complete the offline activities with students. Help students as needed with online activities.
  - Students: Complete the online activities in each lesson. Complete all Activity Book pages and the Lesson Checkpoint.
- **Simple Path**
  - Learning Coach/Teacher: If the online activities are adequate, skip the offline activities. Otherwise, choose one of the offline activities. Help students as needed with online activities.
  - Students: Complete the online activities in each lesson. Complete the Activity Book pages and the Lesson Checkpoint.

Note that many offline activities call for physical math manipulatives. PDF versions of several manipulatives are available. Learning Coaches can also creatively use common household objects—for example, blocks, coins, beans, paper clips, or beads—as manipulatives.

Suggested Adaptations for Kits

Math+ Dimension Shapes:
  - Use K-2_ELA_Math_manipulative_alternatives.pdf to print out and create your own paper versions.
- Use any set of tiles with squares, rectangles, triangles, hexagons, circles.

Math+ Three-Dimensional Shapes:

- Use any set of physical blocks that contains cubes, rectangular solids, triangular pyramids, rectangular prisms, cones, cylinders, and spheres.
- Locate household items with the above three-dimensional shapes; e.g., boxes, rectangular blocks of cheese, balls, soup cans, party hats.
- Cut out and fold the nets in K-2_ELA_Math_manipulative_alternatives.pdf to print out and create your own paper versions.

Math+ Snap Cubes

- Use any set of magnetic or interlocking blocks (e.g., Legos) that has 2-5 different colors.

- Cut out a set of unit tiles from within K-2_ELA_Math_manipulative_alternatives.pdf.
- For simple addition and subtraction, use any uniform household object, preferably with different colors; e.g., beads, multicolored Bingo chips.
- Have students create simple sketches of the models.

Base-10 Set

- For two-digit numbers, cut out rods, then cut out ones cubes from the *Tens Rods* PDF located in the following activities:
    - K5 Math+ Blue Summit: Unit 1, Lesson 1: Unit Introduction: Shapes and Sorting
    - K5 Math+ Green Summit: Unit 1, Lesson 1: Unit Introduction: Read, Write, Count, and Compare Numbers
    - K5 Math+ Orange Summit: Unit 1, Lesson 1: Unit Introduction: Numbers Through 500
- Use any set of magnetic or interlocking blocks (e.g., Legos). Use ten single blocks to create a tens rod.
- Creatively use household objects. Group single objects into tens. For example, use beans to represent ones. Glue ten beans on one popsicle stick to represent a ten.
- For three-digit numbers, cut out paper versions of base-10 blocks from within K-2_ELA_Math_manipulative_alternatives.pdf.

Tip: Use card stock and/or laminate to reuse paper versions of manipulatives throughout the course.

K5 Math+ Purple Summit

Students typically work independently online before going offline to complete additional learning activities and Activity Book pages. Offline learning activities are led by the Learning Coach/Teacher. PDFs of the Lesson Guides and Activity Book pages are available in the course.

- **Most Robust Path**
    - Learning Coach/Teacher: Follow the instructions in the Lesson Guide to complete the offline activities with students.
    - Students: Complete the online portion of each lesson. Complete all Activity Book pages.
- **Simple Path**
    - Learning Coach/Teacher: If the online activities are adequate, skip the offline activities. Otherwise, choose only one of the offline activities.
    - Students: Complete the online portion of each lesson. Complete the Activity Book pages.

Note that many offline activities call for physical math manipulatives. PDF versions of several manipulatives are available. Learning Coaches can also creatively use common household objects—for example, blocks, coins, beans, paper clips, or beads—as manipulatives.

Suggested Adaptations for Kits

Math+ Dimension Shapes:

- Cut out the shapes in the *Look for Shapes* and *Pattern Blocks* PDFs located in the following activity: Unit 1, Lesson 1: Unit Introduction: Whole Number Sense

- Use any set of tiles with squares, rectangles, triangles, hexagons, circles.

Math+ Three-Dimensional Shapes:

- Use any set of physical blocks that contains cubes, rectangular solids, triangular pyramids, rectangular prisms, cones, cylinders, and spheres.
- Locate household items with the above three-dimensional shapes, e.g., boxes, rectangular blocks of cheese, balls, soup cans, party hats.
- Cut out and fold the nets in K-2_ELA_Math_manipulative_alternatives.pdf to print out and create your own paper versions

Base-10 Set

- For two-digit numbers, cut out rods, then cut out ones cubes from the *Tens Rods* PDF located in the following activity: Unit 1, Lesson 1: Unit Introduction: Whole Number Sense
- Use any set of magnetic or interlocking blocks (e.g., Legos). Use ten single blocks to create a tens rod.
- Creatively use household objects. Group single objects into tens. For example, use beans to represent ones. Glue ten beans on one popsicle stick to represent a ten. For three-digit numbers, cut out paper versions of base-10 blocks from within K-2_ELA_Math_manipulative_alternatives.pdf
  Tip: Use card stock and/or laminate to reuse paper versions of manipulatives throughout the course.

Math 3 Summit

Lessons are a combination of online and offline work. Students should be able to complete all work fairly independently, with occasional support from the Learning Coach/Teacher. PDFs of the Lesson Guides and Activity Book pages are available in the course. Since students should generally be able to complete all lessons on their own, "robust" vs. "simple" paths are not suggested.

K5 Math+ Red Summit
K5 Math+ Yellow Summit

Students typically work independently online before going offline to complete additional learning activities and Activity Book pages. Offline learning activities are led by the Learning Coach/Teacher. PDFs of the Lesson Guides and Activity Book pages are available in the course.

- **Most Robust Path**
  - Learning Coach/Teacher: Follow the instructions in the Lesson Guide to complete the offline activities with students.
  - Students: Complete the online portion of each lesson. Complete all Activity Book pages.
- **Simple Path**
  - Learning Coach/Teacher: If the online activities are adequate, skip the offline activities. Otherwise, choose only one of the offline activities.
  - Students: Complete the online portion of each lesson. Complete the Activity Book pages.

Suggested Adaptations for Kits

Color Tiles

- Use any set of square tiles with 2-5 different colors. Note that tiles must be square (all sides must be the same length).
- Print out the *Inch Grid Paper* PDF linked in the following activities:
    - K5 Math+ Red Summit: Unit 1, Lesson 1: Unit Introduction: Whole Number Sense. Color each row a different color and cut out individual squares.
    - K5 Math+ Yellow Summit: Unit 1, Lesson 1: Unit Introduction: Whole Numbers and Powers

Protractor

- Use any protractor that measures to the nearest degree.
- Locate and use any printable protractor. There are many examples on the Internet.

Math 4 Summit
Math 5 Summit

Lessons are a combination of online and offline work. Students should be able to complete all work fairly independently, with occasional support from the Learning Coach/Teacher. PDFs of the Lesson Guides and Activity Book pages are available in the course. Since students should generally be able to complete all lessons on their own, "robust" vs. "simple" paths are not suggested.

K5 Science Summit

- All the core content is online. The course has no core textbooks or printed materials.
- The courses include some hands-on investigations that require kit and household materials.
  - Some labs can be done with household items.
  - Some kit items can be replaced with household items.
- Some courses include supplemental books used to reinforce core online content. If the book is not available, learning coaches may read a similar book, online article, or find a video and skip the reading.
- Some labs cannot be done without the kit-based items. For these labs, the student and Learning Coach/Teacher may find workarounds or perform an alternate activity.
- While some kitted labs also include built-in alternative paths, a list of lessons with activities that require kit materials follows:
  - Science K
    - 11.1 The Shape of Earth
    - 11.2 The Earth's Surface
    - 11.3 Land Shapes
    - 11.4 Bodies of Water
    - 11.5 Rocks and Soil
    - 14.3 A New Way to Push and Pull
    - 14.4 Magnets Are Everywhere
    - 15.1 Day and Night
  - Science 1
    - 1.2 Balancing Act
    - 2.2 Gases Matter
    - 2.8 What's the Solution?
    - 3.1 The Weather Forecast
    - 3.2 Seasons
    - 3.3 Wind Direction and Wind Speed
    - 4.4 Birds
    - 6.5 Make a Shadow Clock
    - 7.1 From Seed to Seedling
    - 7.2 What's Inside a Seed?
    - 7.7 Flowers and Fruit
    - 7.8 Bulbs
    - 8.4 Polar Habitat
    - 8.5 Grasslands Habitat
    - 9.1 Earth's Oceans

- 5.3 Nerves
- 5.4 The Cerebrum, Cerebellum, and Brain Stem
- 7.1 Electricity and Magnetism
- 7.2 Magnet Madness
- 7.4 Electric Currents
- 7.6 Electromagnetism
- 8.1 Rocks and Minerals
- 8.2 Crystal Shapes
- 8.3 Properties of Minerals
- 8.5 The Rock Cycles
- 8.6 Drifting Continents
- 8.8 Earthquakes
- 9.1 Weathering
- 9.2 Soils
- 9.3 Erosion and Deposition: Gravity and Water
- 9.4 Glacial Erosion
- 10.1 Fossils and Geologic Time
- 10.2 Reading the Fossil Record
        - Science 5
            - 1.1 Freshwater
            - 1.2 Water Uses and Treatment
            - 1.3 Water Pollution
            - 2.1 Ocean Water
            - 2.2 Ocean Currents
            - 5.5 Acids and Bases
            - 5.7 Molecules of Life
            - 5.8 Reaction Rates
            - 6.3 Diffusion, Osmosis, and Active Transport
            - 7.7 Kingdom Fungi
            - 8.3 The Respiratory System
- Students may research ways to do experiments, and then sketch designs for their experiments.
    - Students may develop and execute simple experiments and models with adult supervision.
- For grades K-5, planning and executing some kind of science-based activity is more important than doing a specific activity. Students may make plans, models, or perform experiments.
    - **Plan Guidelines**
        - A question about a phenomenon or observation
        - A hypothesis that tries to answer the question
        - A description of an experiment that describes a thing (variable) they will change and the thing (variable) they will observe or measure
    - **Experiment guidelines**
        - Record observations.
        - Make conclusions based on observations.
    - **Model guidelines**
        - Observe a phenomenon through videos, photographs, or in the real world.
        - Create a sketch or diagram that attempts to explain it in their own words.

- Try to find (research) other explanations about the phenomenon or other examples of the phenomenon.
  - Students may create a model of a phenomenon before learning the topic, and then revise their model after working through the lesson. It's important that they try to explain something, and then revise their explanation after they learn something new.
- Revise the original model based on the new information.

- **Most Robust Path**
  - Perform all online activities.
  - For each hands-on activity, do one of the following:
    - Use household materials to complete the activity.
    - Sketch a design that would help you investigate the phenomenon described in the original activity.
      - Note: Next Generation Science Standards (NGSS) strongly encourage students to develop models and plans to explain scientific phenomena. Making a plan to test a phenomenon is just as important as performing a lab.
    - Design and execute a new way of doing the activity.

- **Simple Path**
  - Complete the online activities.
  - Skip the hands-on activities.

K5 History Summit

K5 History K–4 Summit

Students work mainly online but there are a few hands-on offline activities, such as coloring, labeling maps, and various forms of artwork. Short stories called *online books* have audio, or the Learning Coach/Teacher can read the short stories to the student. The Learning Coach and Student Guides are available online within each lesson. A materials list is provided with each lesson. Materials consist mainly of household items, except for a globe and various maps, which can easily be found on the Internet. Additional reading and picture books are listed as optional materials.

- **Most Robust Path**
  - Follow the instructions in the Learning Coach and Student Guides.
  - Complete the online and hands-on offline activities including the optional activities.
  - For lessons that specify the use of a globe, Google Earth is an excellent place to view 3D images of the world.
  - For lessons that specify the use of a map of the world or the United States, the Central Intelligence Agency's World Factbook has excellent printable maps for you to use.
  - A few lessons contain activities which require reading physical, specific books with your students. While these books are unfortunately not available online, please know in

some cases you and your student can still complete the rest of the lesson. When that is not possible, please omit the lesson.
- **Simple Path**
    - ○ Follow the instructions in the Learning Coach and Student Guides for all online activities.
    - ○ Omit the hands-on offline activities.
    - ○ Omit any activities that require materials that are not available.

K5 Early American History Summit

This course uses a set of two textbooks—*A History of US (Concise Edition), Volume A (Prehistory-1800)* and *A History of US (Concise Edition), Volume B (1790-1877)* both by Joy Hakim. Links to digital versions of these textbooks can be found in the Learn: Introducing American History A activity in Unit 1, Lesson 1.

The course also uses the book *Understanding Geography: Map Skills and Our World (Level 5)*. No digital version is currently provided. You will need to either acquire this book, or skip the activities that rely on this book until the remainder of your materials arrive.

Student Guides and Answer Keys are available online within each lesson. Activity pages, which are used to reinforce the reading, are also available online.

- **Most Robust Path**
    - ○ Follow the instructions in the Student Guides.
    - ○ Complete the online and offline activities, including the textbook reading assignments.
- **Simple Path**
    - ○ Option 1:
        - ■ Follow the instructions in the Student Guides for all online activities.
    - ○ Option 2:
        - ■ Use the textbook and complete reading assignments and activity pages offline.

K5 Art Summit

Lessons include online instruction and offline art projects. Younger students (nonreaders/early readers) will likely need Learning Coach/Teacher support to complete the online activities and art projects, though the screen-reader tool can provide some reading support.

When selecting units/lessons to complete, consider first looking at the related art projects; choose units/lessons with art projects that can be completed with materials on hand. In many cases, you can substitute materials students don't have on hand with materials they do have. For example, turn a painting project into a coloring project.

The art prints from the Art Print Kit listed in Materials can be ignored because all art images are online.

Some lessons, mostly unit review and checkpoints, include an activity based upon an art book. Either skip these reading activities until the remainder of your materials arrive or check to see if your library has an online version.

K5 Art K-4 Summit

- **Most Robust Path:** Work with students to complete both the online activities and related art projects together.
- **Simple Paths:** Provide students with materials to complete just the art projects, skipping the online activities. Another alternative path is to just complete the online portion of lessons if students do not have materials on hand.

K5 Early American Art Summit

Students should generally be able to complete both the online activities and related art projects on their own, so "robust" vs. "simple" paths are not suggested. If students do not have some of the project materials on hand, in many cases you can substitute with what they do have. For example, turn a painting project into a coloring project.

K5 Physical Education Summit

K5 Physical Education with Lessons Summit

Some activities require household materials for students to perform the activity. If students do not have those specific materials on hand, they can omit them if it is not possible for them to find a similar item at home. You may also omit activities for which students are unable to be supervised or those that are not appropriate for your student.

K5 Physical Education 3-5 Summit

Some activities require household materials for students to perform the exercise. If students do not have those specific materials on hand, they can omit them if it is not possible for them to find a similar item at home. For example, if the activity calls for a pedometer, many smartphones or smart watches track steps and distance. You may also choose to omit activities for which students do not have the supplies for, such as a jump rope or playground ball. You may also omit activities for which students are unable to be supervised or those that are not appropriate for your student.