



K-2 Teacher Common Core Math Job Aid

May 19, 2014

Supporting Students and Families with Common Core Standards in K¹² Math K-2 Courses

In this Job Aid:

Page 1	<i>Big Picture</i>
Page 2	<i>Math+ and CC</i>
Page 3	<i>Appendix Course Bookmarks</i>
Page 4	<i>Teacher Information</i>
Pages 5-8	<i>FAQs</i>



How are the Common Core Standards addressed in the K¹² curriculum? What is the status?

Product Development has been working to ensure all of the Common Core State Standards (CCSS) have been fully addressed in the K¹²-brand English Language Arts (ELA) and Mathematics courses. The standards have been addressed through various means:

- **Existing content** already in courses
- **Adding new activities** to lessons in existing courses
- **Creation of supplemental courses** (K-2 Appendix Math)
- **Republishing** of existing courses (Math+ Purple, Red, Yellow) with additional lessons
- Creation of **new courses** (middle school math)

*This job aid will assist teachers in understanding **how to use the Common Core Appendix courses and where new activities have been added** to existing K¹² Math K-2 courses*

Want a refresher on the history of the Common Core State Standards? Check out this [link](#).

Math+ Courses and Common Core State Standards

How do the Math+ courses address the CCSS?

Math+ courses already included most of the CCSS. Since these courses were developed prior to the release of the final CCSS, steps have been taken to ensure the coverage of all standards:

1. **New activities were added to some lessons.** In some cases new worksheets are also included.
2. Some standards were best addressed by **adding additional lessons.** Math+ Yellow and Red have been republished to incorporate the additional lessons. For Math+ Blue, Green and Orange these new lessons are bundled together in supplemental mini-courses. The new courses are the **Common Core Appendix Courses**.

The **Common Core Appendix Courses** include both brand-new lessons and lessons pulled from other Math+ levels. The **Common Core Appendix Course** and the regular Math+ course together provide coverage of all the Common Core State Standards for that particular grade level.



Common Core Appendix Courses for Math Grades K-2

Title of New Supplemental Course	Number of Lessons	CCSS Grade Level
Math+ Blue Common Core Appendix	16	K
Math+ Green Common Core Appendix	7	1
Math+ Orange Common Core Appendix	18	2

Math+ Common Core Appendix Bookmarks (folder) and Teacher Information Math+ Blue, Green Orange (folder) are resources to becoming a proficient guide for your families.

K-2 Teacher Resources for Common Core Math (zip file)


K-2 Teacher Common Core Math Job Aid (This PDF)

Folder: Math+ Common Core Appendix Bookmarks ←

Folder: Teacher Information Math+ Blue, Green, Orange

Common Core Appendix Course Bookmarks

Math+ Blue
Common Core Appendix Course
Place this bookmark in the Lesson Guide to mark the next unit with a Common Core Appendix Lesson. Put a check next to each completed lesson.



Use these Appendix Lessons with Unit: Shapes and Patterns

1.1 Arrange and Describe Position

1.2 Use Direction Words

Use these Appendix Lessons with Unit: Introduction to Addition

1.3 Make Ten

1.4 Ten Plus More (A)

1.5 Ten Plus More (B)

1.6 Different Forms of Numbers

1.7 Count On to Add

Use these Appendix Lessons with Unit: Problem Solving with Addition

1.8 Group Tens (A)

1.9 Group Tens (B)

fold on line

Summary: This folder within the zip file contains 3 bookmarks. (PDFs) The applicable bookmark is printed, folded in half and placed in the Math+ Lesson Guide in the Unit where the next **Common Core Appendix Course** lesson would be used. The bookmark serves as a visual reminder about where to integrate the **Common Core Appendix Course** lesson within the main math course.

Users: This folder is accessed by teachers, but the individual bookmark should be sent by the teacher to the learning coach, as part of a conversation about the use of the **Common Core Appendix Course**. Send only the PDF needed.

Why the *Common Core Appendix Course Bookmarks* may be helpful: In some cases, several weeks may pass between uses of **Common Core Appendix Course** lessons. This bookmark serves as a visual reminder about using the next lesson at the appropriate time.

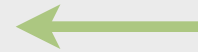
Teacher Tip: Be aware that families will differ in the way they complete the Common Core Appendix Lessons. Some will rely on help from you to know the best time to complete a lesson.

K-2 Teacher Resources for Common Core Math (zip file)

K-2 Teacher Common Core Math Job Aid (This PDF)

Folder: Math+ Common Core Appendix Bookmarks

Folder: Teacher Information Math+ Blue, Green, Orange



Teacher Information Math+ Blue, Green, Orange

Summary: This set of documents provides charts showing *which lessons have the new activities* to address additional CCSS and **recommendations of where in the main math courses to insert lessons from appendix courses.** The charts specifically call out *what is new* and *what to print*.

Users: While primarily made for K-2 teachers, teachers may also share the applicable course document with learning coaches as part of a conversation with students and families about the new activities and new **Common Core Appendix Courses.**

Why Teacher Information Math+ Blue, Green, Orange may be helpful:

Teachers and families need to know which lessons have new activities. Unit numbers are intentionally not included in the lesson charts. The units are presented in the order in which the courses were originally built. Many schools have resequenced versions of some of these courses. Therefore, individual schools may want to add the applicable unit numbers based upon their version of each course.

Math+ Green Common Core Information for Teachers

K² has revised Math+ Green to align the course with Common Core State Standards (CCSS). To do this, we added new, Common Core-aligned activities to existing lessons. We also created an appendix of new lessons and lessons from other Math+ courses that meet CCSS.

What you need to know about this course:

- We did not reprint and ship new Lesson Guides or Activity Books. New and revised Lesson Guides and Activity Book pages are available [online only](#). See the What to Print? column below to know what new or revised pages need to be printed.
- Original Math+ Green lessons with added activities will take longer to complete than they did before.
- It is possible that students will have already seen content pulled from earlier Math+ courses, or they might see some content again in a later course.
- Unit and Semester Reviews and Checkpoints have not been updated to include lessons from the Appendix or new activities. They cover lessons from the original Math+ Green course.

How to use the lesson list:

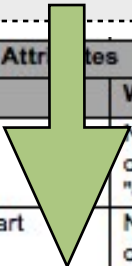
- Use the lesson list to integrate the CCSS lessons in the Appendix into the Math+ Green course.
- Check the What's New? and What to Print? columns for additional information about what is new or revised and what new or revised documents need to be printed.
- The units listed below may be in a different order in your math course if your school uses an alternate sequence of units. You may want to add the applicable unit numbers in the final column to make it easier for your individualized use.

Lesson List

Unit	Lesson Title	What's New?	What to Print?
1	Numbers Through 10	New Lesson. Find lesson online in Math+ Green Common Core Appendix course.	Lesson Guide and all Student Activity pages
2	Numbers Through 100	New Lesson. Find lesson online in Math+ Green Common Core Appendix course.	Lesson Guide and all Student Activity pages
3	Numbers Through 1,000	New Lesson. Find lesson online in Math+ Green Common Core Appendix course.	Lesson Guide and all Student Activity pages
4	Numbers Through 10,000	New Lesson. Find lesson online in Math+ Green Common Core Appendix course.	Lesson Guide and all Student Activity pages
5	Numbers Through 100,000	New Lesson. Find lesson online in Math+ Green Common Core Appendix course.	Lesson Guide and all Student Activity pages
6	Numbers Through 1,000,000	New Lesson. Find lesson online in Math+ Green Common Core Appendix course.	Lesson Guide and all Student Activity pages
7	Numbers Through 10,000,000	New Lesson. Find lesson online in Math+ Green Common Core Appendix course.	Lesson Guide and all Student Activity pages
8	Numbers Through 100,000,000	New Lesson. Find lesson online in Math+ Green Common Core Appendix course.	Lesson Guide and all Student Activity pages
9	Numbers Through 1,000,000,000	New Lesson. Find lesson online in Math+ Green Common Core Appendix course.	Lesson Guide and all Student Activity pages
10	Numbers Through 10,000,000,000	New Lesson. Find lesson online in Math+ Green Common Core Appendix course.	Lesson Guide and all Student Activity pages
11	Order Numbers Through 100	New Lesson. Find lesson online in Math+ Green Common Core Appendix course.	Lesson Guide and all Student Activity pages

Example chart from *Math+ Green Common Core Teacher Information*. Note how the Appendix lesson is inserted into the list of lessons from the main math course.

Unit: Geometric Figures, Data, and Attributes			
	Lesson Title	What's New?	What to Print?
	1: Plane Figures	New activity includes the term, concept, examples and problems for "defining attributes."	Lesson Guide
	2: Put Together and Take Apart Shapes	New activity includes the term, concept, examples and problems for "defining attributes."	Lesson Guide
**	Appendix Lesson 1.5: Combine Solids to Create New Shapes	New Lesson. Find lesson online in Math+ Green Common Core Appendix course.	Lesson Guide and all Student Activity pages
	3: Group Shapes Different Ways	New activity includes the term, concept, examples and problems for "defining" and "non-defining attributes."	Lesson Guide
	4: (Optional) Your Choice		



FAQs

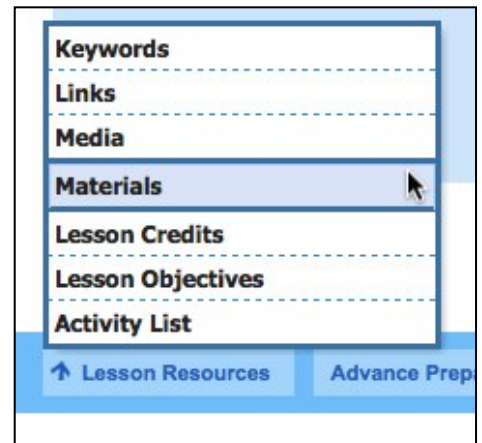
Questions about materials

Where do families find materials for the lessons in the Common Core Appendix Courses?

Only online. Materials for the learning coach and student are found in Materials under Lesson Resources in the lesson on the OLS.

Where do families find materials for new activities that have been added to existing lessons in the main math courses?

Only online. New activities are not represented in printed materials. (See associated *Teacher Information* document for information about which lessons have been enhanced, how, and what to print.)



Questions about content

Will the Common Core Appendix Course match the student's math course in every case?

Students are enrolled in the **Common Core Appendix Course** matching their age-appropriate grade level. This may or may not match the main math course the student is enrolled in. **Teacher alert: Proactively watch for these situations, which may cause confusion to the learning coach and student.** An option is to hide the Appendix Course for students working off grade level. Check with your school for guidance.

Are all of the lessons in the Common Core Appendix courses completely new?

No. There is some reuse of lessons from other grade level math courses, so the titles of online guides may refer to another grade level course, if the lesson is being reused from another math course. Students may see content they have previously encountered in an earlier course or may see the lessons again in a later course.

May the lessons in the Common Core Appendix Courses be used out of order?

Yes. Each school will want to review the recommended order and best point of insertion, according to the sequence of the units in the main math course.

Questions about supporting students and families

What key points should be emphasized with students and families?

1. Some new activities have been added to a few lessons in the main math courses. Those activities are not going to be represented in the printed materials they have received. Lessons with enhanced content will require printing of the Lesson Guide and student pages. (See the folder: *Teacher Information Math+ Blue, Green, Orange* for details about what is new and what to print.)
2. The OLS does not deliver the **Common Core Appendix Course** lesson to the Plan at the time it should be used. Once the Appendix Course is loaded for the student, a lesson will show on the Daily Plan immediately. As with all courses, **Common Core Appendix Course** lessons will show on the Plan each day of the week configured through Schedule Set-Up. Rather than using the OLS Weekly Plan, the lessons from the **Common Core Appendix Course** should be completed when associated content in the main math course is assigned.
3. Original lessons with added activities will take longer to complete.
4. Assessments in the main math courses have not been revised to include content from the new activities.

What can teachers do to help students complete these additional lessons in the Common Core Appendix Courses?

Consider the work style of the family and expect differences:

- Some families will want to insert the lesson at the recommended location within the unit using documentation supplied by school.
- Other families may prefer to do the **Common Core Appendix** Lessons at the end of the related unit.
- Other families may need a prompt from the teacher to do the lesson or will require a live session to cover the material with the teacher.

Use your Teacher Reference Courses to gain familiarity with the Common Core Appendix Courses.

Questions about the Common Core Appendix Courses on the OLS

How will the Common Core Appendix Courses show on the Plan?

The Common Core Appendix Courses will deliver to the OLS exactly as Schedule Set-Up is configured (which days of the week). In the screenshot below, the default schedule set-up (one Common Core Appendix Lesson per school day) is displayed. **Important: since the Common Core Appendix Course is a separate course from the main math course, the delivery schedule to the OLS of the Appendix lesson is not tied to where the student is currently working in the main math course.** Teachers must communicate to learning coaches about how and when the Common Core Appendix Course lessons should be used. Teachers can use the folders, *Teacher Information Math+ Blue, Green, Orange* and *Bookmarks* to help communicate the correct Plan.

Days Off Plan Show/Hide Courses

This chart shows a recommended weekly schedule based on a 180-day teaching year. "Save". To change the number of lessons scheduled for a course on a given day, click on number. Scheduled courses display in Planning and Progress. To show or hide a course "Show/Hide Courses".

Scheduled Courses	Est. Time Per Lesson	Sun	Mon	Tue	Wed	Thu	Fri
Math Plus Green	60 min		1	1	1	1	1
Math+ Green Common Core Appendix	60 min		1	1	1	1	1

Daily Plan Weekly Plan

Click to select a date.

Mon, 01/14/2013 Tue, 01/15/2013 Wed, 01/16/2013 Thu, 01/17/2013

- Math Plus Green 2.1. Time to the Nearest Hour
- Math+ Green Common Core Appendix 1.1. Numbers Through 120
- Language Arts 1

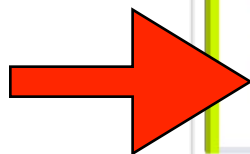
- Math Plus Green 2.2. Time to the Nearest Half Hour
- Math+ Green Common Core Appendix 1.2. Write Numerals Through 120
- Language Arts 1

- Math Plus Green 2.3. About Time
- Math+ Green Common Core Appendix 1.3. Order the Lengths of Three Objects
- Language Arts 1

- Math Plus Green 2.4. (Optional) Your Choice
- Math+ Green Common Core Appendix 1.4. Compare Lengths Indirectly
- Language Arts 1

Will the Common Core Appendix Course show on Progress?

Yes. An additional Progress Bar is created for the Common Core Appendix Course.



Overview Alerts Snapshot Snapshot Details Attendance Progress Plan Stud

Course: All Courses ▾

Core lessons only are included KEY: COMPLETED NOT MASTERED SKIPPED

Math

Math Plus Green Project
 8% 92% 100% Total Lessons
 View Progress Details ▶

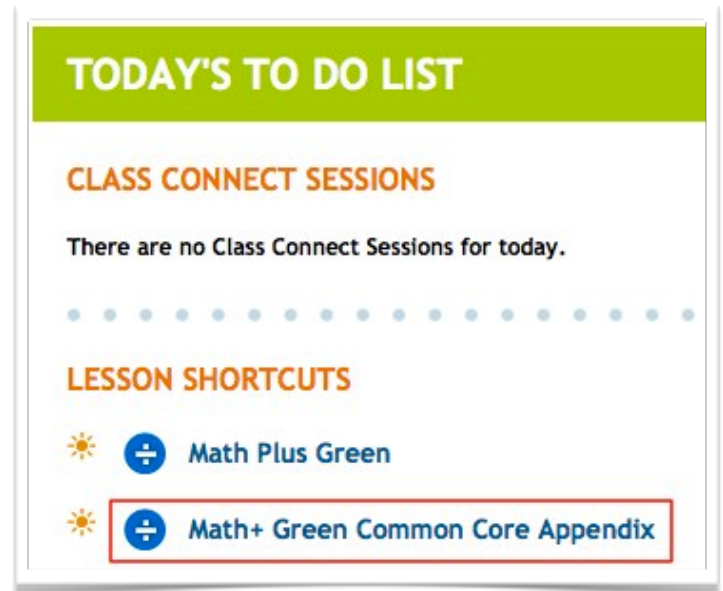
Math+ Green Common Core Appendix Project
 100% 100% Total Lessons
 View Progress Details ▶

Continued: Questions about the Common Core Appendix Courses on the OLS

How should a student access a Common Core Appendix lesson?

Rather than accessing from the Plan, a student can access from Lesson Shortcuts on the Student home page, when it is time to complete a **Common Core Appendix** lesson.

The default display on the Plan of a **Common Core Appendix Course** lesson is M-F. Lessons should be delayed until associated content in the main math course is reached. Teachers should assist learning coaches and students in understanding when to complete a lesson from a **Common Core Appendix Course**.



Does it matter WHEN the Common Core Appendix Course lessons are completed?

You may have noticed that the *Teacher Information* documents place a **Common Core Appendix Course** lesson at a specific location in the overall sequence of lessons. The *Bookmarks*, however, associate the lesson only with a specific unit in the main math course. While some families will want to complete the lesson in the exact sequence suggested (the *Teacher Information* documents are a great resource for those families), other families may find this too difficult. Completing a **Common Core Appendix Course** lesson at the conclusion of the associated unit in the main math course is also fine. This content is not included in Unit assessments in the main course.