

Ramapo College MSET
Multimedia Workshop
Cynthia Vitale
Google Chrome Apps Mini-project

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ECHS Teacher Tech Topics for Science and Math Teachers
Backwards Learning Plan for Chrome App, cK-12

Desired Results
<p><i>Students will be able to:</i></p> <ul style="list-style-type: none">• <i>Create their own cK-12 account</i>• <i>Set up a group in cK-12 for each of their classes</i>• <i>Invite members (students) to their groups</i>• <i>Navigate the cK-12 site to find their subject (with CCSS), lesson, unit, and Learning Modalities</i>• <i>Find flexbooks for their subject</i>• <i>Create their own flexbook</i>• <i>Choose modalities appropriate to their lesson needs</i>• <i>Add modalities to their groups or to their flexbook</i>
Assessment Evidence
<p><i>Performance task</i>—Students will use cK-12 content in one of their lessons in class or as “homework” in a Flipped Class. They will submit their lesson plan to the principal for credit.</p> <p><i>Performance criteria</i>—</p> <ul style="list-style-type: none">* At least one modality and/or flexbook chosen* Use chosen modality/modalities and/or flexbook appropriately in one of their classes.* Share the lesson plan, including a screenshot of the modality or flexbook pages used, with the principal for credit

MATERIALS AND PREPARATION:

1. Have enough Chromebooks/MacBooks available for the class
2. Have teacher laptop displaying on LCD screen and cued up on cK-12 app, with a second tab on TeachLikeATechie.com

ACTIVITY 1: *Establish need and create an account (20-30 min)*

1. Give an overview the cK-12 app to class while showing it onscreen, noting:
 - Subjects available
 - Common Core Standards
 - Units
 - Modalities
 - Flexbooks
2. Ask:
 - How could this content enhance your classes?
 - How could you use cK-12 with the Flipped Classroom model?
3. Now show class:
 - Ease of use
 - Navigation views
 - Choosing modalities
 - Sampling of modalities
4. Have students go to the cK-12 app and create an account.
 - Students can choose their subject and explore the units, lessons and modalities.
 - When everyone has created their account, move on to Activity 2.

ACTIVITY 2: *Explore further (15-20 min.)*

1. Show how to create a group and add modalities to that group.
2. Encourage all learners to create a group and add at least one modality to that group.
3. Remind students of the [TeachLikeaTechie blog](#) and show them the [cK-12 tab](#) with information and tutorials to help them go further into cK-12.

ACTIVITY 3: Apply (15 min in class and additional time for homework)

1. Direct students to be sure that they have at least one of the following that they will appropriately use with a class:
 - One modality chosen
 - One modality shared with a group
 - One flexbook chosen
 - One flexbook shared with a group
2. Use one of their chosen modalities and/or flexbook options in a lesson plan that they will share with the principal after they have used it in class.

Reflection

What happened during my lesson? Were the students eager to explore cK-12? Did they find appropriate modalities and/or flexbooks? Were they able to navigate the app?

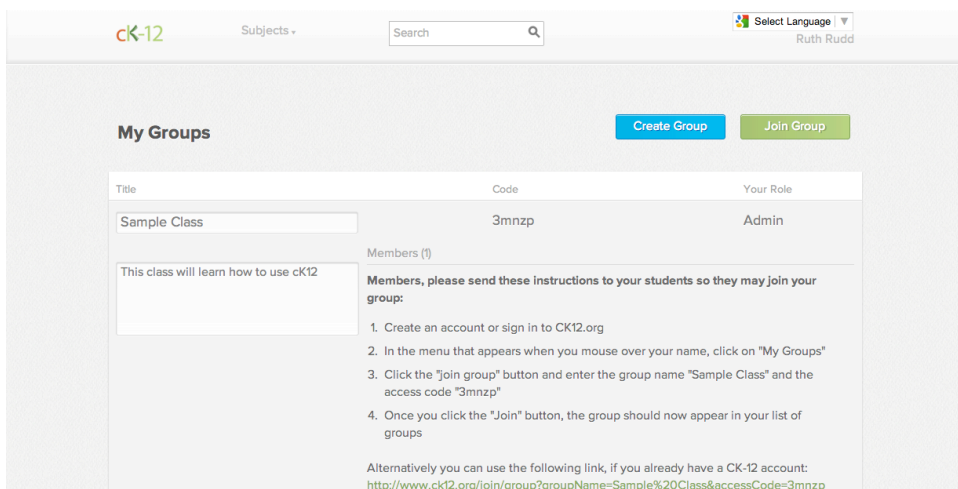
What did I learn? How will I improve my lesson next time?

**Annotated
screenshots
of ck-12 with
learning goals
on next 2
pages**

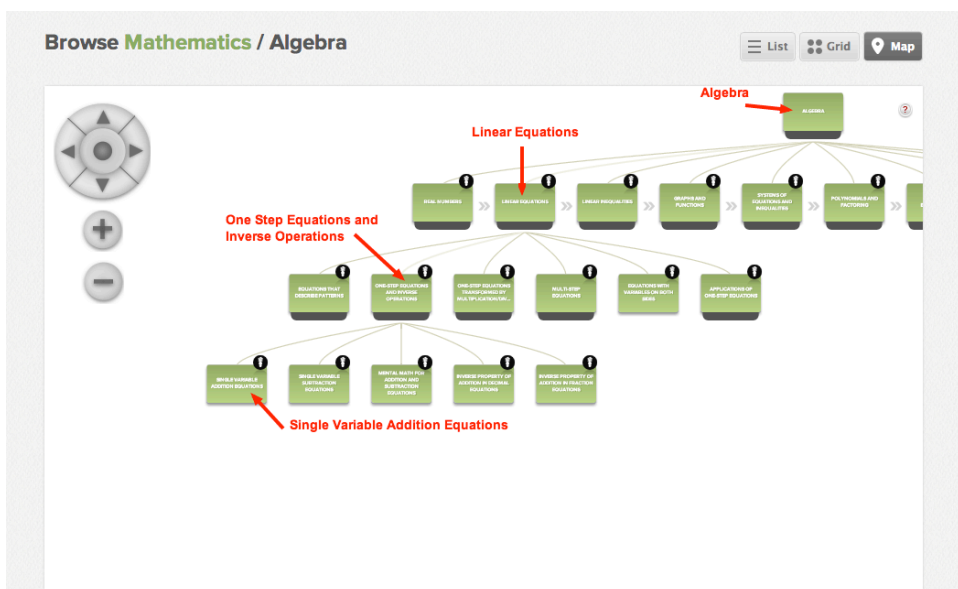
MSET Multimedia Workshop

cK-12 Lesson

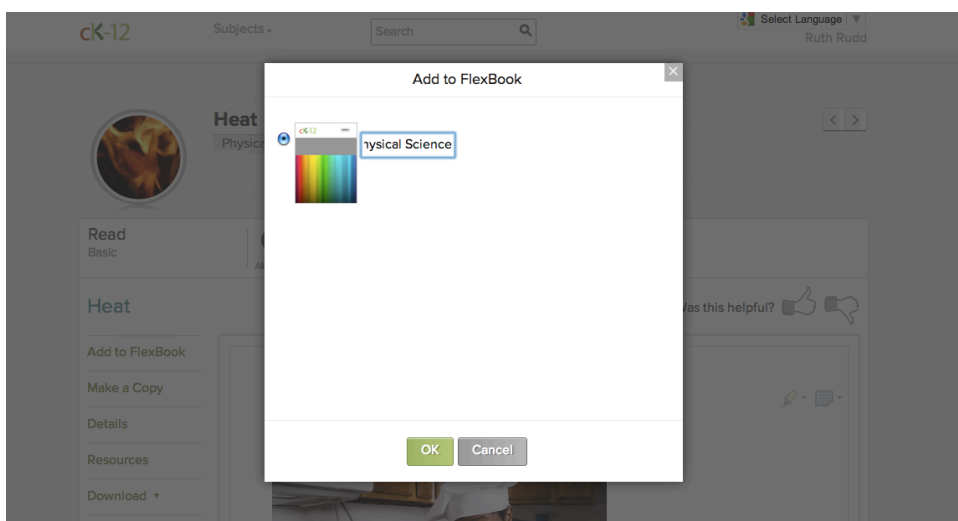
Ruth Rudd



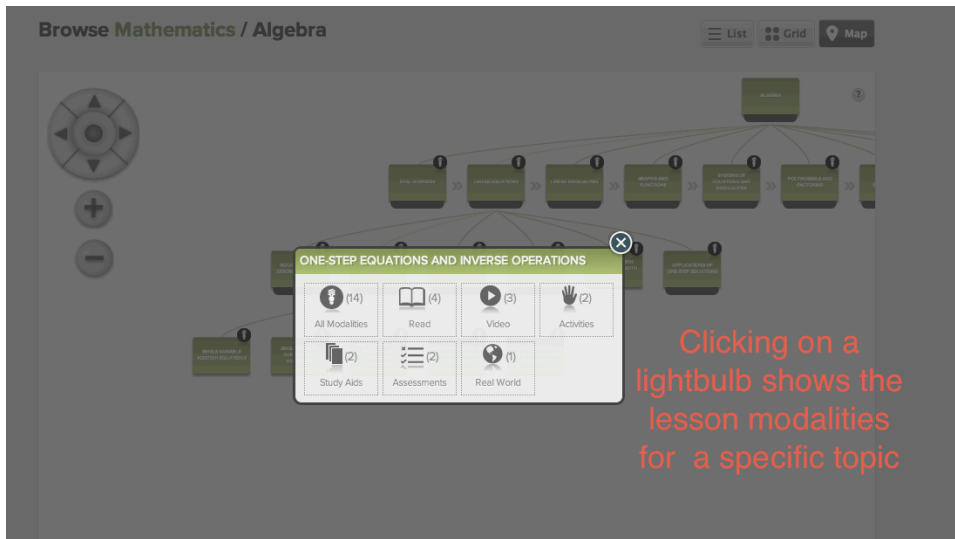
Students will set up a group (class) and invite members (students).



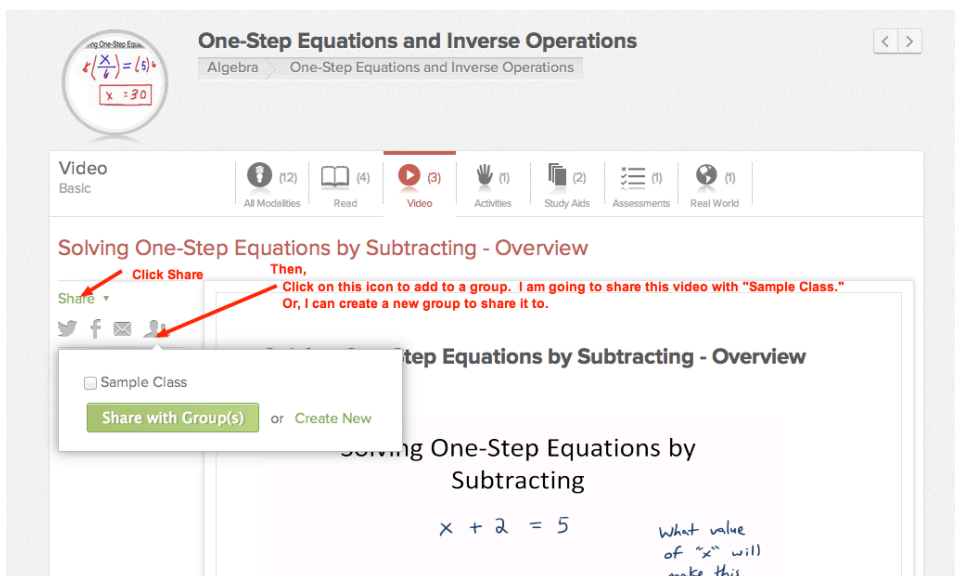
Students will navigate cK-12 to their subject, unit, lesson, and modalities.



Students will be able to find flexbooks for their subject and/or create their own flexbook, and add content to their flexbook.



Students will choose modalities appropriate to their lesson needs.



Students will add modalities to their group and/or flexbook.