



# Technology Integration Lesson

## Plainville Community Schools

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**LESSON TITLE:** Teach Them Fractions

**GRADE:** Fifth

**OBJECTIVE:** Students will create a fraction presentation using Keynote. The presentation will be used to illustrate a fraction concept for second, third, fourth, or fifth graders

**CURRICULUM CONNECTION:** Math Standards will vary based on grade level and concept chosen.

**MATERIALS:** KidPix, Keynote, Student Planning Sheet, Keynote Kids Guide, computer, printer, SmartBoard if available to demonstrate

**PROCEDURE:** Students will create a four slide Keynote presentation on the topic of fractions. The fraction picture will be illustrated using KidPix. Teachers will assign either a second, third, fourth, or fifth grade Standard to students for their topic. Students will use the planning guide to plan for the following slides:

1. Title
2. What it is
3. What it looks like
4. How one computes using this fraction.

### Classroom Teacher Roles

- ☞ Assign Standard to Student
- ☞ Share successful presentation strategies with students
- ☞ Allow time (during math class and/or lab time?) to create Keynote presentation (including KidPix illustration), using either laptops or in the lab.
- ☞ Review students' presentations
- ☞ Allow students time to practice presentation, especially if using SmartBoard
- ☞ Schedule time with Instructional Technologist to review KidPix and Keynote concepts, if needed.
- ☞ Schedule time with Instructional Technologist for student assistance, if needed.
- ☞ Assist students exporting KidPix pictures.
- ☞ Assist students inserting KidPix image into Keynote slide.



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### EVALUATION:

| Master   | Journeyman  | Apprentice  | Novice  |
|--|---|---|---|
| My title slide clearly tells the audience my topic, and all information is included and spelled correctly.                             | My title slide clearly tells the audience my topic, but some information is missing or not spelled correctly.                       | My title slide gives my audience some idea of the topic, but it isn't clear.  | I forgot to include a title slide, or it is incorrect.            |
| My second slide clearly tells the audience what it is. All information is included and spelled correctly.                              | My second slide clearly tells the audience what it is, but is missing some information or has spelling mistakes.                    | My second slide tells what it is, but could be more descriptive.  | My second slide is missing or has incorrect information.          |
| My third slide clearly illustrates what it is. The pictures I chose are easy to see and spaced appropriately on the slide.             | My third slide illustrates what it is, but the layout is confusing.   | My third slide has pictures to illustrate the concept, but the pictures are confusing.  | My third slide is missing or has incorrect information.           |
| My fourth slide has at least two accurate ways to compute using this fraction. It is easy to understand, and has no spelling errors.   | My fourth slide has at least one accurate way to compute using this fraction. It is easy to understand, and has no spelling errors. | My fourth slide has at least one way to compute using this fraction. It is not accurate, or it is not easy to understand, or it has spelling errors.    | My fourth slide is missing.                                       |
| I used a transition from my teacher's list. My transitions are set to "on click", and the same one is used throughout my presentation. | I used transitions from my teacher's list. My transitions are set to "on click", but I used more than one type of transition.       | I used transition(s) from my teacher's list. My transitions are not set to "on click", <u>or</u> I did not use the same one throughout my presentation. | I did not use transitions or I used one not on my teacher's list. |
| I put extra effort into this project, and I followed all directions the first time and stayed on task.                                 | I followed all directions the first time and stayed on task.  | I followed all directions but needed reminders to stay on task.   | I did not follow directions.                                      |
| I spoke loudly and clearly during my entire presentation. It was easy for my audience to understand me.                                | I spoke loudly and clearly during most of my presentation.  | I did not speak loudly or clearly for most of my presentation.  | I did not present this project.                                   |
| Overall Impression   | Overall Impression  | Overall Impression  | Overall Impression  |

### EXTENSION:

Students design a Kidspiration or KidPix activity for other students to complete, reinforcing the topic they are teaching.



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## EXAMPLE:

*Sevenths for Third  
Graders*  
*By Minnie Mouse*

*What is it?*

- Seven equal parts

*What does it look like?*



*How do you compute using this fraction?*

- I saw seven toys at the store.  
Four of them had wheels.
- What fraction of the toys had wheels?
- What fraction of the toys did not have wheels?

