



3.5 Learning to Copy & Paste using Kidspiration

Prerequisite Skills and Knowledge

- ∞ Students should have basic mouse and keyboarding skills.
- ∞ Basic knowledge of Kidspiration
- ∞ Basic printing skills

Time Required

- ∞ Mini-lesson and guided practice: 15 minutes for mini-lesson; 20-25 minutes for guided practice; this lesson may take several consecutive lessons to complete.

Materials

- ∞ Computer lab, Kidspiration, LCD projector

Intended Learning

- ∞ Students will use Kidspiration to make a skip counting chart so they can learn their multiplication facts.
- ∞ Students will learn how to copy and paste so they can save time when working on the computer.

District Technology Standards

Uses Technology Effectively

- Basic Vocabulary
 - Select, copy, paste
- Graphic Organization tools
 - Uses graphic organizer for webbing

Produces Quality Work

- Communicates information by using a form of multimedia technology.

Big Ideas from Everyday Math - Patterns and Operations

- ∞ Multiplication Facts

Mini-Lesson

Connection - preparing students' thinking

Why is it important to learn multiplication facts? Discuss. Today we will be completing an activity that will help you learn your multiplication facts.

What is a shortcut? How do you think shortcuts can help you when you use the computer?

Teaching - Mini Lesson

With students seated in front, explain to students that in this lesson they will be learning how to copy and paste bubbles in Kidspiration to make a skip counting chart for multiplication facts.

Model for students how to open Kidspiration and erase the "main idea" words from the bubble. Show them how to change the shape and color to

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their liking (no dark colors). Show them how to format the text (font, size, bold)- compare this to what they previously learned in the “Formatting Word” lessons. Explain to them how to change the bubble to more of a square than a rectangle (or more a circle than an oval).

Next, show students how to move the square/circle to the top left corner. Model for students how to select it, copy and then paste the bubble right next to the first one. Make sure the bubbles are close to each other so that 10 can fit in one row.

Have them paste 5 in a row, and then show them how to select all 5, copy those, and then paste the 5 after the original 5 for a total of 10 squares/circles in a row.

So students have ample practice copying and pasting, have them copy the first bubble again, paste it to begin row 2, and then repeat the steps to make the row 2. They will need to continue to make a total of 7 rows (facts 3’s-9’s). Model for them how to select the whole row and then change the color so that each row has a different color.

In the first square/circle, have students type a 3; in the next box, type a 6; then a 9, etc.

In the 2nd row, type a 4; in the next box, type an 8; then a 12, etc. Explain the will complete rows for multiplication facts 3-9.

Active Engagement - Guided Practice

Seated at computers, students will open Kidspiration, format the bubble, copy and then paste 5 in a row, copy the 5 bubbles and paste them next to the first 5 for a total of 10 in each row. Students will repeat the process for a total of 7 rows.

Link

Students should work independently to complete the 7 rows and then fill in the bubbles with the appropriate multiplication facts for each number.

Independent Practice

Teacher

- ∞ Circulate and assist individual, check to make sure the skip counting/multiplication facts are correct; progress check for daily participation on class spreadsheet.

Students

- ∞ Work independently, finish creating rows and then insert the multiplication facts, save, and then after receiving permission, print.

Sharing/Closure

- ∞ Ask for any difficulties they encountered copying and pasting. What was easy? What was difficult?

Example of Skip Counting/
Multiplication Chart

3	6	9	12	15	18	21	24	27	30
4	8	12	16	20	24	28	32	36	40
5	10	15	20	25	30	35	40		
6	12	18	24	30	36				
7	14	21	28						
8	16	24							
9	18								

Differentiation

- ∞ For students who already know the simple facts, have them do rows for 11’s, 12’s, etc., as well as add bubbles at the ends of the rows for 11’s and 12’s.
- ∞ For students who are having difficulty with simple facts, have them make rows for 1’s and 2’s.

- ∞ Discuss how they can use this chart at home to learn their multiplication facts.

Assessment

- ∞ Progress/Monitor for daily participation using a checksheet as you walk around and observe students. Using a rubric with a score of 1-4, a “3” is given if the student actively participates and copies and pastes correctly.
- ∞ Teacher will assess the printed charts using a rubric. A “3” indicates the chart has the accurate number of rows and the skip counting is correct.