



Using Cover, Copy, Compare to Teach Multiplication Facts

Objective: To teach student to build fluency with multiplication facts using the Verbal-Cover, Copy, Compare strategy.

Setting and Materials:

Settings: Resource classroom, middle grades

Materials:

- Set of multiplication facts with answers
- A notecard or piece of paper to cover the fact
- Assessment of multiplication facts (on paper or provided via teacher/peer and flashcards)

Content Taught

Teach the skills needed to be able to (a) recall multiplication facts, (b) recall multiplication facts with fluency.

Prior to teaching: An assessment of multiplication fact knowledge should be given to determine facts needing to be learned.

Teaching Procedures

1. Inform student(s) that you will be teaching them a new strategy that will help them learn their multiplication facts quickly.
2. Instruct students on the following steps of the strategy:
 - Look at the problem (fact with answer).
 - Cover the problem with card.
 - Say the problem sub-vocally (quietly to themselves).
 - Compare the answer to see if you are correct.
 - If you are correct, move to the next fact. If you are incorrect, repeat the steps until you are correct.
 - Complete these steps for all of your facts.
3. Model the procedure for students.
4. Ask students to complete the strategy, monitor for accuracy.
5. Complete the multiplication fact worksheet or flashcards to assess student progress.

Evaluation

1. Assessment includes teacher monitoring of strategy accuracy.
2. Assess student responses on multiplication fact progress through worksheet assessment or flashcards with a peer/teacher.

Lesson Plan Based on:

Ozaki, C., Williams, R. L., McLaughlin, T. F. (1996). Effects of a copy/cover/compare drill and practice procedure for multiplication facts mastery with a sixth grade student with learning disabilities, *B.C. Journal of Special Education*, 20, 65-74.

Common Core Standards:

Grade 6, The Number System

Compute fluently with multi-digit numbers and find common factors and multiples.

Fluently divide multi-digit numbers using the standard algorithm.

[CCSS.Math.Content.6.NS.B.2](#)

Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation. [CCSS.Math.Content.6.NS.B.3](#)

This Lesson Plan Starter was developed by The National Technical Assistance Center on Transition (NTACT), Charlotte, NC, funded by Cooperative Agreement Number H326E140004 with the U.S. Department of Education, Office of Special Education and Rehabilitative Services (OSERS). This document has been reviewed and approved by the OSERS. Opinions expressed herein do not necessarily reflect the position or policy of the U.S. Department of Education nor does mention of trade names, commercial products, or organizations imply endorsement by the U.S. Department of Education. OSEP Project Officer: Dr. Selete Avoke. RSA Project Officer: Kristen Rhinehart-Fernandez. This product is public domain. Authorization to reproduce it in whole or in part is granted. While permission to reprint this publication is not necessary, the citation should be: National Technical Assistance Center on Transition (2018). *Using Cover, Copy, Compare to Teach Multiplication Facts*

