Studies have shown the most effective way for students to retain information is to SEE IT, HEAR IT and DO IT!
MATH-CABULARY™ is a multi-sensory program developed with this in mind that focuses on building the foundation crucial to successfully understanding math – VOCABULARY!

HOW IT WORKS:
1. Students watch entertaining 3 to 5-minute DVDs that define key math vocabulary terms using memory enhancing techniques.
2. Students apply the terms through workbook exercises and teacher-guided activities.
3. Students do quick and entertaining self-check exercises in their workbook.
4. Instructors use quizzes to verify student understanding of math vocabulary.

Each DVD/CD Package includes:
• 20 entertaining and educational video programs on DVD.
• Printable Student Workbooks that supplement the DVD programs
• Printable Teacher’s Guide providing learning activities and Answer Keys
• Quizzes and Answer Keys for student evaluation
• Additional print materials needed for exercises

The MATH-CABULARY™ program was developed to function as a stand-alone instructional program for the classroom. However, it can easily be adapted to supplement your current curriculum and has been successfully utilized for both home-school, small group and individual applications.
**How To Use This Demo:**

1. Print this entire document.

2. Separate the Student Worksheets from the Lesson Plan and Answer Keys.

2. Follow the Lesson Plan. Instead of “watching DVD explanation.” Visit www.math-cabulary.com and click the “YOUTUBE” link. This will take you to the video for “Parallel.”
**Parallel**

parallel - two lines in the same plane that do not intersect ( || )

parallel - t____ l_____ i__ t__ s____
p_____ t___ d_ n__ i__________ ( || )

parallel - ______ _______ ___ ___ ___
____________ _______ ___ ___ _________ ( )

Circle the pair of parallel lines.
Parallel

French architect Charles L’Enfant was enlisted in the American Revolutionary Army and George Washington asked him to plan the nation’s new capitol. L’Enfant’s assistant, Alexander Ralston, planned another big city similar to Washington, D.C. Circle the letter under the correct “TRUE/FALSE” for each parallel statement. Then write the letter above the corresponding number each time it appears in the answer for another city with similar plans to Washington, D.C.

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<tr>
<th>Statement</th>
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The same designer helped plan Washington, D.C. and
Materials Needed: coordination!!!

1. At the beginning of class, have students copy the definition for the word "parallel" on page 25.

2. Watch the DVD explaining the definition for the word "parallel."

3. You know the symbol for parallel and it makes sense...two parallel bars. (Does that remind you of the parallel bars we have in Phys. Ed.?) We're going to name things and use our arms to represent parallel or intersecting.
   - If the shapes are parallel, make both of your arms extend straight out forward in front of you with your elbows locked.
   - If the shapes are intersecting, make both of your elbows straight but, with your arms crossed like a big "X" in front of you.

   ✓ Look up at the door trim that runs along the door's sides and top. Is the trim parallel or does it intersect? (not parallel—cross arms)

   ✓ Imagine railroad-track steel rails. Are they parallel or do they intersect? (parallel—straight arms)

   ✓ Imagine a plaid-pattern piece of clothing. Are the lines in the pattern parallel or do they intersect? (not parallel—cross arms)

   ✓ Imagine the streets at a traffic light. Are the streets parallel or do they intersect? (not parallel—cross arms)

   ✓ Imagine the teeth in a comb for your hair. Are the comb's teeth parallel or do they intersect? (parallel—straight arms)

   ✓ Imagine accidentally spilling a box of spaghetti noodles on the floor. How do you think they'll look? (not parallel—cross arms)

   ✓ Imagine the shelves at a store or in a bookshelf. Are the rows of shelves parallel to do they intersect? (parallel—straight arms)

4. After thanking students for their good "exercise," have students complete page 26 on their own.
parallel - two lines in the same plane that do not intersect (||)
parallel - two lines in the same plane that do not intersect (||)
parallel - two lines in the same plane that do not intersect (||)

Circle the pair of parallel lines.

WATCH THE SHORT VIDEO!

DO THE QUICK ACTIVITY!
Time to Find If You Know the Word!

Parallel

French architect Charles L'Enfant was enlisted in the American Revolutionary Army and George Washington asked him to plan the nation’s new capitol. L'Enfant’s assistant, Alexander Ralston, planned another big city similar to Washington, D.C. Circle the letter under the correct “TRUE/FALSE” for each parallel statement. Then write the letter above the corresponding number each time it appears in the answer for another city with similar plans to Washington, D.C.

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The same designer helped plan Washington, D.C. and

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