

# Breakout Boxes

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Ms. Donna and I decided to lock one of our favorite treasures inside these boxes for safe keeping. We were worried that one lock was not enough to keep our treasures safe - so we put several locks on each box. But being the forgetful people we are, we decided to leave clues for ourselves for each of the lock combinations. Each of the puzzles contains a clue to the combination of one of the locks. It is your challenge to unlock each of the locks on your box and discover the treasure inside!

## General Guidelines

- You are assigned to a group that has 4 or 5 people in it.
- You will have all evening to unlock your box. Your team should determine the best way to solve all of the puzzles on the handout. Make sure to use all the brain power in your group efficiently.
- There are several puzzles to solve and a limited time to solve them. A good plan might be to “divide and conquer” the work.
- Please leave the locks open when you have unlocked the box. Seriously - don't mess with the locks or relock them. Thanks in advance!

## Basic Information About the Locks

- Word Lock  
Align dials to spell the correct “word” aligned with the word MASTER on the lock. Pull shackle up to release the lock.
- 4-Digit Number Lock - Number #1  
Align the correct numbers from top to bottom along the indicator line. Pull up on the shackle to release the lock.
- Directional Lock - Number #2  
Squeeze the shackle firmly toward the lock twice to begin. “Dial” the combination by sliding the button to each position in the combination pattern until you hear it click. Once the pattern is complete, pull down on the lock to release it.
- Cable Lock - Number #3  
Align the correct numbers from top to bottom along the indicator line. Push the button and pull up on the cable.
- 3-Digit Number Lock - Number #4  
Align the correct numbers from top to bottom in the viewing window. Pull up on the shackle to release the lock.
- Number & Letter Lock - Number #5  
Turn dial three full turns to the right to begin. Then turn the dial to the right to the first letter/number in the combination. Turn the dial to the left one full turn and then to the second letter/number in the combination. Finally, turn the dial to the right to the correct letter/number. Pull on the shackle to release the lock.
- 4-Digit Color Lock - Number #6  
Align dials to the correct 4-digit number and the line indicated on the bottom of the lock. Pull shackle up to release the lock.