

# Equals Math

Overview Manual



The following steps are instructions for the purpose of organizing the Equals curricular and manipulative kit materials included in Equals Math. Prior to unpacking or labeling any materials, please read through the entirety of the instructions below.

Note: with your Equals Math curriculum, you have multiple training opportunities using pre-recorded and/or live webinars through the Equals Fidelity Training program. To connect with our trainers and valuable content, contact curriculum@ablenetinc.com. Live and pre-recorded training videos for Overview and Organization, Assessment, Lesson Components, Lesson Prep, Level 1 Training, Solve Poster, and more are available at no extra cost.

## Step 1: Sort and Label Manipulatives and Student Tools

1. Locate labels in Content Kit with Teacher's Guides. Note: Content Kit refers to the materials in the purple and orange box with the Teachers Guides.
2. Locate **4 large and 2 small bags** with manipulatives and **pre-printed labels** in Content Kit.
3. Locate and cut out Money cards (16 pages) and punch out Shape Puzzles (14 pages) and Pizza Fractions (6 pages) in Student Tools located in Content Kit box behind the Quick Start Guide and labels. They are labeled in the footer on each page.



4. Place sets of \$1 Money cards into a small bag. Place straws (from Place Value pocket chart) into a small bag. Label each of the following bags:

- butterflies
- insects and other bugs
- ocean animals
- protractors
- straws
- \$1 Money cards



5. Place remaining Money cards in a large bag and place small \$1 Money cards inside. Place each set of Pizza Fractions and Shape Puzzles in a large bag. Separate wooden cubes from Building Blocks and place in a large bag. Label each bag below:

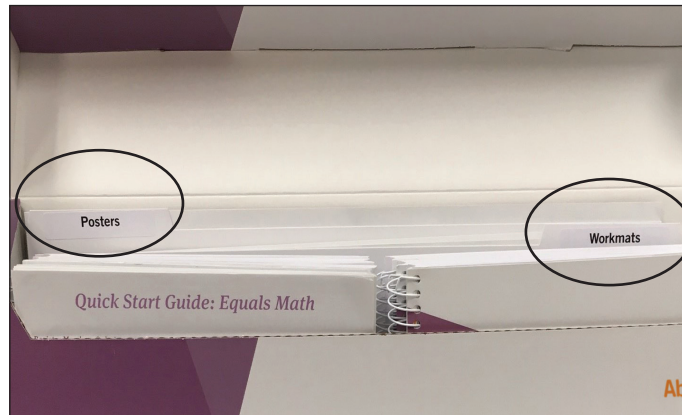
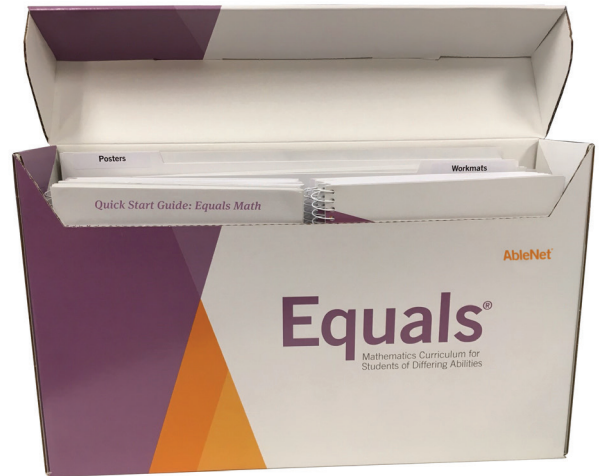
- Money cards (\$1 Money cards bag within large bag)
- Pizza Fractions
- Shape Puzzles
- cubes (20 cubes separated from building block set)



6. Fasten remaining **pre-printed labels** to corresponding bags:

- pattern blocks: set of trapezoids, hexagons, triangles, rhombi
- attribute blocks: set of circles, triangles, rectangles, squares, hexagons
- circle counters: 2-sided circles (red, yellow)
- flying disks (mini-frisbees)
- baseballs
- turtles
- magnetic numerals (and symbols)
- other bagged/packaged materials as desired

7. Locate 12 10-frame boxes (plastic boxes with 10 compartments). Stack and place on nearby shelf with the other kit manipulatives.



7. Locate and place manipulatives on a shelf or similar storage in your math instruction area for easy access during instruction.

- Keep workmats, posters, and student tools in the Content Kit placed nearby.
- Make sure to reserve a space for the card box (see next pages). Creating a math area in your classroom can help simplify lesson prep.
- The materials should be readily available for use as needed during the lesson, rather than placing all lesson materials on the table.
- It is suggested that students are taught how to locate materials during the lesson and put them back or place in the Math Focal Point after use in the lesson. This can be done with the teacher or a partner. Locating materials and putting them away teaches students organizational skills and responsibility. It also provides a natural break in the lesson.

## Card Organization

There are four types of cards included in the Equals Content kit: Vocabulary, Content, Action, and Poster. Each card is labeled with the card type on front and back. The image is a clear indicator and quick organizational solution to use during lessons. While organizing, become familiar with each card type as indicated below.

Cards are organized using the box in which they arrived. Use the included pre-printed tabs to organize the cards. Within each section, cards are sorted by alphabetical letter(s), theme, or content categories

The cards should be organized within the box by type in the following order:

- Content cards
- Vocabulary
- Action
- Poster

## Organizing Content Cards

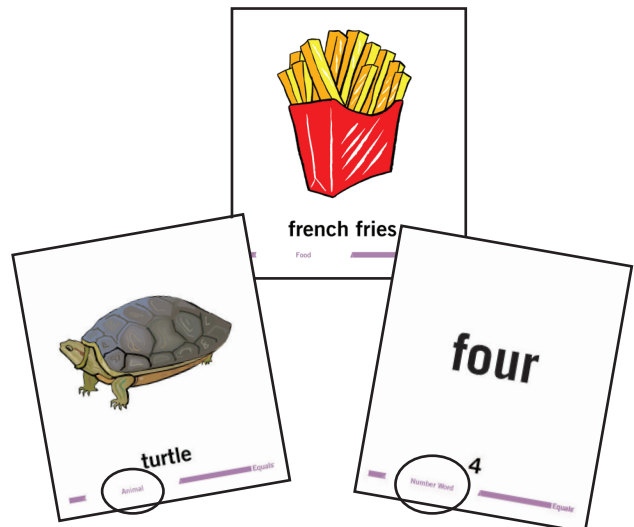
1. Place *Content* card tab and tabs with labeled categories in left side of Card box. Sort the categories in **orange** (below) at the start of the right column (overflow).
2. Sort *Content* cards in front of the corresponding tabs. Category is labeled on the front of the *Content* card with a picture relating to category on the back.

### Content Card Categories

- Animal
- Calendar
- Clock
- Color
- Food
- Fraction
- Geometry
- Number Set
- Number Word
- Numeral
- Place Value
- Purchase
- Shape
- Size
- **Subitizing**
- **Symbol**
- **Temperature**



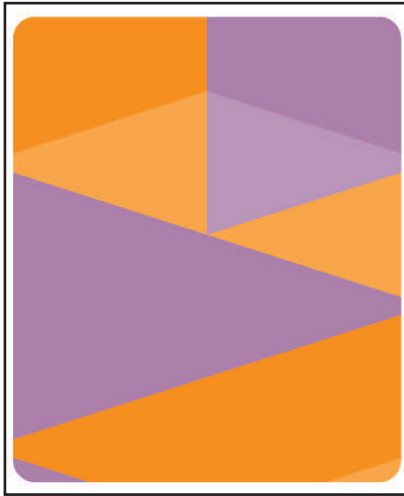
Each type of Content card has a picture depicting category on the back



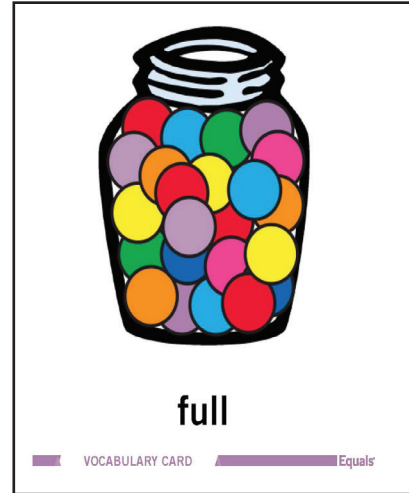
The category is listed on the bottom of the front of each card.

## Organizing Vocabulary Cards

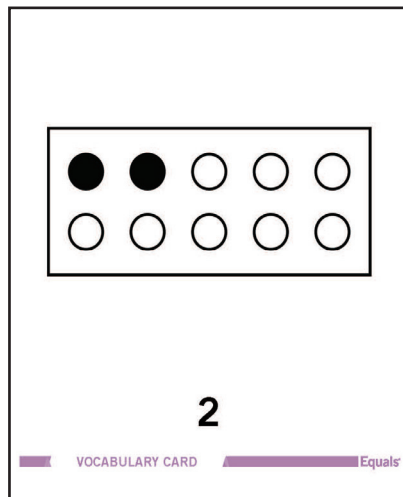
1. Place *Vocabulary* tab after last of the Content cards.
2. Place *Numbers Vocabulary* tab next.
3. Place the Numbers Vocabulary cards (words with numeral at start) in front of the *Numbers Vocabulary* tab.
4. Alphabetize single letter tabs behind *Numbers Vocabulary* tab.
5. Place each Vocabulary card in front of each corresponding initial letter tab in box.



Back of each Vocabulary card



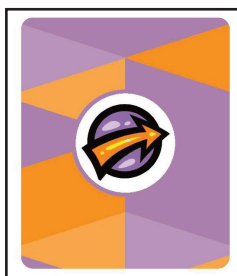
Example: Vocabulary card front



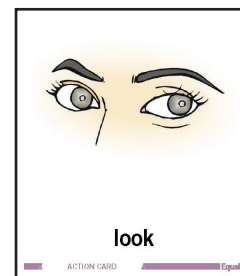
Example: Numbers Vocabulary card

## Organizing Action Cards

1. Place *Action* card tab and tabs with grouped letters (e.g. ABCD) after *Vocabulary* cards in box.  
Note: there are two of each Action card.
2. Sort *Action* cards alphabetically in front of corresponding tabs using the first letter of each action word.  
Note: there are two identical cards for every Action.



Action card back



Example: Action card front

## Organizing Poster Cards

1. Place *Poster* card tab and tabs with labeled themes (School, Home, etc.) after organized set of *Action* cards in box.
2. Sort *Poster* cards in front of corresponding tabs according to the labeled theme on each card front.

### Themes

- Backyard
- Ball Game
- Candy Store
- City
- Forest
- Garden
- Home
- Mall
- Ocean
- Pet Store
- Pizza Party
- Pond
- Rain forest
- School
- Supermarket



Examples: Poster card backs  
Each type of Poster card has a unique picture showing theme.



Examples: Poster card fronts  
The theme is listed on the bottom of each card.



complete set of organized cards

## Prep File Folders

Label two sets of 10 file folders (as indicated on the right).

These folders are crucial to successful lesson prep. Watch initial live or pre-recorded webinar for details on Lesson Prep with Materials Lists by Section. Materials Lists by Section are located in Members Only content with Lesson Pic-symbols.

1. Worksheets: Skill
2. Worksheets: Problem Solving
3. Vocabulary Cards
4. Lesson Pic-symbols
5. Student Tools
6. Number Notes
7. Game Boards (Warm-up and/or optional for Follow-up)
8. Teacher and Prepped Materials
9. I Learned Workmats
10. Optional: Workmats (only if printing 8.5 x 11" size)

