

Foreword

Student-to-student interaction is an important way of building classroom cooperation and an overall positive learning environment. Giving students the chance to work together allows them to strengthen their social and communication skills and learn how to respect each other.

Many Hats is a set of activities that gives students the opportunity to interact with each other in order to solve a series of mystery items in a variety of categories. These deductive reasoning games are a fun way to get your students excited about working together, and the extension activities at the end of the book provide an easy way to further enhance the games. Each card set contains 16 different items and can be easily reproduced to accommodate your class size. We've also included a set of blank cards that can be used in conjunction with specific classroom lessons (see page 26).

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National Standards

The games and activities in this book address the following National Education Standards:

Fine Arts

- NA-VA.K-4.3 Choosing and Evaluating a Range of Subject Matter, Symbols, and Ideas;
- NA-VA.K-4.5 Reflecting Upon and Assessing the Characteristics and Merits of Their Work and the Work of Others.

Language Arts

- NL-ENG.K-12.3 Evaluation Strategies;
- NL-ENG.K-12.4 Evaluation Skills;
- NL-ENG.K-12.5 Communication Strategies;
- NL-ENG.K-12.7 Evaluating Data;
- NL-ENG.K-12.12 Applying Language Skills.



How to Use This Book

Begin the *Many Hats* activity by having your students each create a paper hat. Directions for making a simple hat can be found on page 4, with directions for alternative hats on pages 31-32. Select any of the two-page card sets on pages 5-25 and make enough copies for your students to each have one card. To reduce wear and tear, the card sets can be printed on card stock and even laminated.

Place a card in the brim of each student's hat so that it can be easily seen by the rest of the class. Do not let the students see their own cards. Remind the students of the category of the card set, such as "vegetables" or "transportation."

The object of the activity is for each student to identify the card in his or her hat through questions. Students must ask a classmate a 'yes' or 'no' question about their card. This can be a simple question of color ("Am I green?") or size ("Am I bigger than a baseball?"). Each question must have a 'yes' or 'no' response.

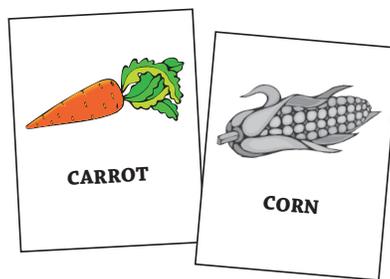
For example:

Category—**Vegetables**

John (corn): *Do I grow under the ground?*

Peter (carrot): *No. Am I orange?*

John (corn): *Yes.*



Students then move on to another classmate.

To get them started, have the students think of any object that fits into the category of the cards and focus on asking questions about that object. If they ask a question and receive an answer that eliminates that object, they can focus on another object in the same category. This helps them to not only think of possible questions to ask, but also allows them to eliminate possibilities.

Once the students believe they know the identity of their card, they are to return to their desks (or a designated place in the room). Students who have not yet identified their cards may still ask questions of the students who have finished. After everyone has completed the activity, ask each student to guess their item, and look at their card.

To make the activity easier to grasp, you may want to initially limit the amount of interaction between the students. Divide the class into groups of two or three and carry out the activity as described above. This allows the students to become comfortable with the activity, and it also helps them determine the questions that would be most beneficial to ask. Gradually increase the size of the groups until you are able to complete the activity as an entire class. You may also want to show the class the cards one at a time before beginning the activity to make sure everyone is familiar with the items.

This activity can be played multiple times by either shuffling the cards or selecting a different card set. You may also wish to have the students color the cards before you play (just make sure you shuffle the cards before they are placed in the students' hats!) Feel free to remove or add cards to the sets as you see fit.

Page 26 contains blank cards you can customize to your teaching needs. Pages 27-30 of the book contain discussion questions and extension activities to enhance the *Many Hats* game. The questions will engage your students in the various card set topics and allow them further interaction with each other. The extension activities are quick, easy, and fun for the entire class.

The Hat

The hats used throughout this book are very easy to make and can be used over and over again. Provide your students with markers, crayons, and colored pencils to decorate their hats before beginning the activities. This helps the student become more involved in the activity and allows them to show a bit of their creative side!

Materials

The easiest (and least expensive) material to use for the hats is newspaper. Invite the students to each bring in a single sheet of newspaper, or provide a few full sets for the class. Be sure that the material on the newspaper is appropriate for your students.

Other material suggestions:

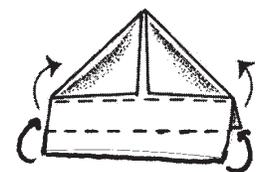
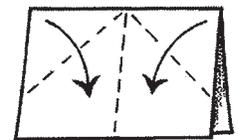
12 x 21" sheet of wrapping paper

12 x 21" sheet of butcher paper

Paper grocery bags

Folding Directions

1. Fold a single sheet (1 page) of newspaper in half. Fold the top corners to the center of the paper, as shown.
2. Fold up the bottom edge of the paper so that it is even with the bottom of the triangles. Fold the bottom edge up again to form the brim of the hat.
3. Tuck in the corners on both sides of the hat.



If the hat is too small to stay comfortably on a student's head, you can punch a hole in each side of the hat's brim and tie a piece of string in each hole. These strings can then be tied under the student's chin.

Another option is to use a full sheet of newspaper (2 pages), cut 4-5 inches off of the bottom, and follow the directions above. This will make a bigger newspaper hat.

Many Hats Card Sets

Transportation pages 6-7

1. car
2. truck
3. boat
4. train
5. airplane
6. bus
7. bicycle
8. skateboard
9. walking
10. hot air balloon
11. rollerblade
12. surfboard
13. ski
14. helicopter
15. horse
16. motorcycle

Jobs pages 8-9

1. teacher
2. doctor
3. scientist
4. firefighter
5. police officer
6. chef
7. dentist
8. hair stylist
9. veterinarian
10. mechanic
11. astronaut
12. farmer
13. detective
14. waiter/waitress
15. baseball player
16. reporter

Vegetables pages 10-11

1. carrot
2. broccoli
3. corn
4. peas
5. potato
6. lettuce
7. green beans
8. pumpkin
9. tomato
10. cucumber
11. cauliflower
12. squash
13. pepper
14. radish
15. celery
16. onion

Zoo Animals pages 12-13

1. giraffe
2. zebra
3. elephant
4. camel
5. tiger
6. bear
7. lion
8. penguin
9. rhinoceros
10. hippopotamus
11. flamingo
12. alligator
13. peacock
14. monkey
15. bat
16. eagle

School Supplies pages 14-15

1. pencil
2. notebook
3. ruler
4. crayons
5. tape
6. eraser
7. chalk
8. scissors
9. book
10. paper clips
11. stapler
12. calculator
13. folder
14. pushpin
15. rubber band
16. hole punch

In the Ocean pages 16-17

1. starfish
2. whale
3. dolphin
4. fish
5. shark
6. sea turtle
7. shrimp
8. crab
9. lobster
10. shell
11. seal
12. walrus
13. jellyfish
14. diver
15. octopus
16. seahorse

Pets pages 18-19

1. cat
2. dog
3. bird
4. lizard
5. goldfish
6. turtle
7. horse
8. rabbit
9. hamster
10. guinea pig
11. rat
12. snake
13. tarantula
14. frog
15. ferret
16. pig

Clothing pages 20-21

1. shirt
2. pants
3. socks
4. jacket
5. shorts
6. scarf
7. gloves
8. belt
9. shoes
10. dress
11. vest
12. skirt
13. hat
14. bathing suit
15. tie
16. overalls

Sports pages 22-23

1. baseball
2. football
3. soccer
4. basketball
5. hockey
6. tennis
7. bowling
8. boxing
9. golf
10. car racing
11. cycling
12. swimming
13. volleyball
14. fishing
15. skiing
16. gymnastics

Games pages 24-25

1. checkers
2. chess
3. darts
4. dominoes
5. cards
6. ping pong
7. jacks
8. limbo
9. tug of war
10. bingo
11. frisbee
12. horseshoes
13. hide and seek
14. hopscotch
15. tag
16. jump rope



CAR

Transportation

Transportation



TRUCK

Transportation

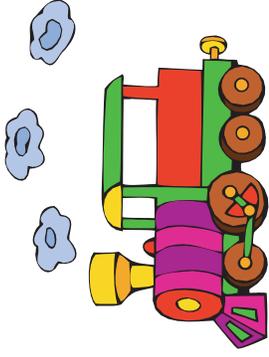
Transportation



BOAT

Transportation

Transportation



TRAIN

Transportation

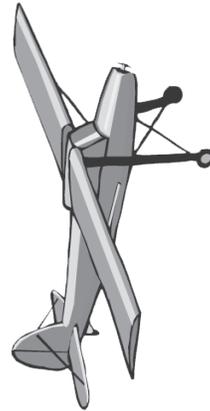
Transportation



BUS

Transportation

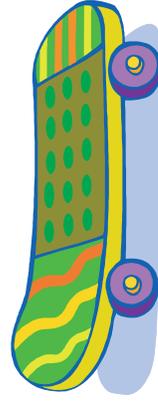
Transportation



AIRPLANE

Transportation

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SKATEBOARD

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BICYCLE

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Transportation