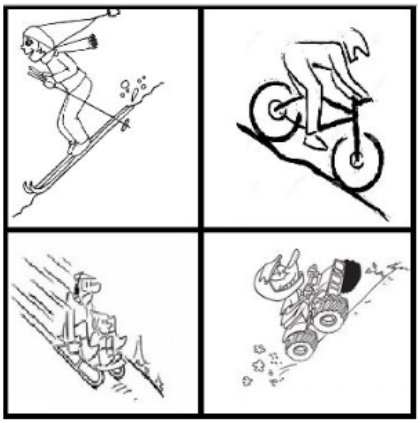
K-2 Choice Board with Family Guide

Which One Doesn't Belong



For more images:
http://wodb.ca/shapes.html

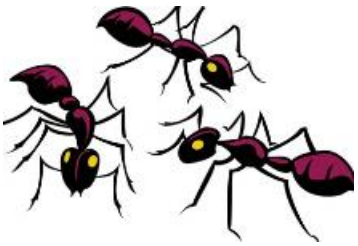
GET OUT OF MY HOUSE

Practicing numbers before and after. On a paper draw 12 houses. In each house print a number from 0 to 11. Remove all face cards from a deck of cards. You will need eight playing pieces for each player. In turn a player will turn a card over from the deck and determine the number before **or** after the drawn card and place their game piece in the corresponding house. Next player draws a card from the deck. They too will determine the number before or after and place their piece in the correct house. If a player chooses a house that has 1 or 2 of their opponent's game pieces they may say "Get out of my house" and remove those pieces. If there are 3 game pieces in a house those pieces are safe and cannot be "kicked" out. Game continues until one player has all their game pieces on the game board. Watch a video of this game:

Get Out of my House

Ant Riddle

There are 2 ants in front of 2 other ants, 2 ants behind 2 ants and 2 ants next to 2 ants. How many total ants are there?



For more fun riddles to solve:
https://www.getriddles.com/math-riddles/

Logic Puzzle

Want to try more :

https://www.solvemoji.com/

Addicted to Addition

1.Draw a game board that shows a 4 by 4 grid with each square the size of a playing card.
2. Remove the face cards from a deck of cards and divide cards into 2 piles ; red suits and the other pile being black suits. Each player gets either the red or black suits of the separated cards.
3. Players each take a turn setting any one of their cards into one of the spaces on the game board.
4. Players who create a line of 4 cards in a row in any direction (including diagonally), that adds up to either 10 or 20, wins one point. An example of cards adding up to 10 would be if the cards in a row were 2 + 3 + 2 + 3 = 10.
5. Continue playing until a player wins the game by earning 10 points.

Would You Rather..

Roll the Dice

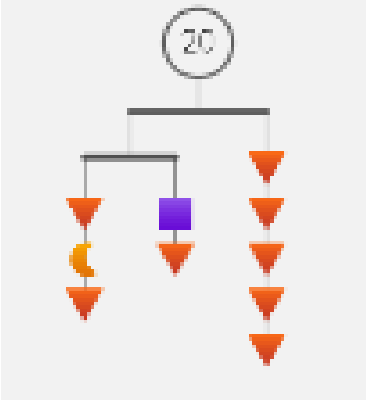
Roll 6 dice or turn over 6 playing cards. Find the total sum of all 6 numbers. Next player has a turn. The player with the highest sum gets 3 points, runner up gets 2 points. Continue for ten rounds. The winner is the player with the most points collected.

MATH IN FLIGHT

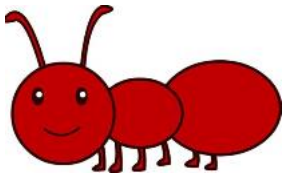
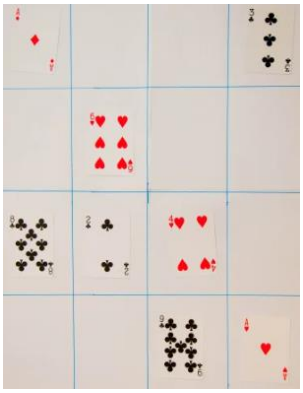
Design and build a paper airplane. Try a few different designs and test to determine the best design.

Click on link to see a few different designs:
http://www.learnplayimagine.com/2013/04/paper-airplanes.html

Number Mobile



What is the number value of each shape?

Which One Doesn't Belong Have your learner decide why each picture doesn't belong with the others and explain why. They may come up with more than one reason in some instances. Ideas are endless……	**GET OUT OF MY HOUSE** **Be creative with playing pieces. Example a player could use macaroni another player could use lego pieces. Small rocks versus small figures…..** Have your learner tell you their move such as I have number 6. The number before 6 is 5 and places game piece in house 5.	**Ant Riddle** Your learner can draw their possible ideas to solve the riddle. Have them explain their thinking. What is the minimum number of ants that keep the riddle true ? 
Logic Puzzle Want a challenge create your own puzzle for someone to solve. 	**Addicted to Addition** Challenge your learner to make only sums for 20. 	**Would You Rather..** Have your learner decide which option they would pick and explain why they made that choice. For more fun images to think and talk about: click: Would You Rather...
Roll the Dice While adding the dice or card numbers have your learner partner easy numbers together to find the total easily Ex: roll is 3, 2, 5, 6, 2, 1 Could say 2 and 2 is 4 then 6 more is 10. 3 and 1 is 4 and 5 more is 9. Now 10 and 9 is 19. The more this game is played you should see the learner becoming more automatic in their answers and not depending on their fingers for counting.	**Math In Flight** Allow your learner to experiment with different designs and materials to build plane with Ex: writing paper, newspaper, tin foil, cardboard…. Have them decide how they can measure the distance their planes traveled during flight. What design and material used worked best?	**Number Mobile** Remind your learner that the mobile must be level. If total number at top is 20 then both ends of first rod have a total sum of 20.