

Summer Learning Activities

Engaging Your Child In Fun Ways

Math

Flashcard B-I-N-G-O

For all ability levels

Often times flashcards get a raw deal. People assume that flashcards are “drill and kill.” Not so! Flashcards are validated by leading research on learning. So, for this activity, flashcards will be used to play BINGO.

This activity can help:

- Reinforce recall of basic facts for addition, subtraction, multiplication and division.
- Reinforce algebra and geometry rules.
- Build one's confidence about math.

Use this activity for:

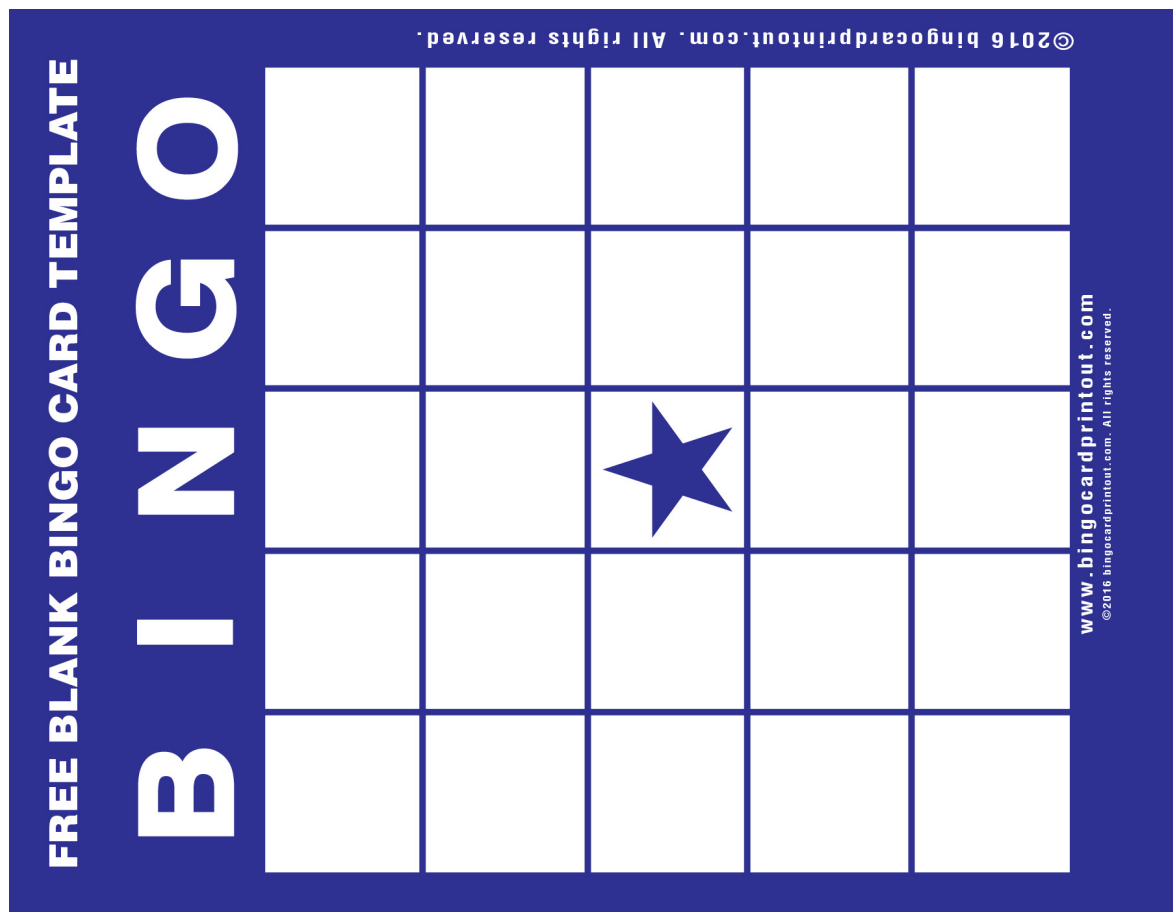
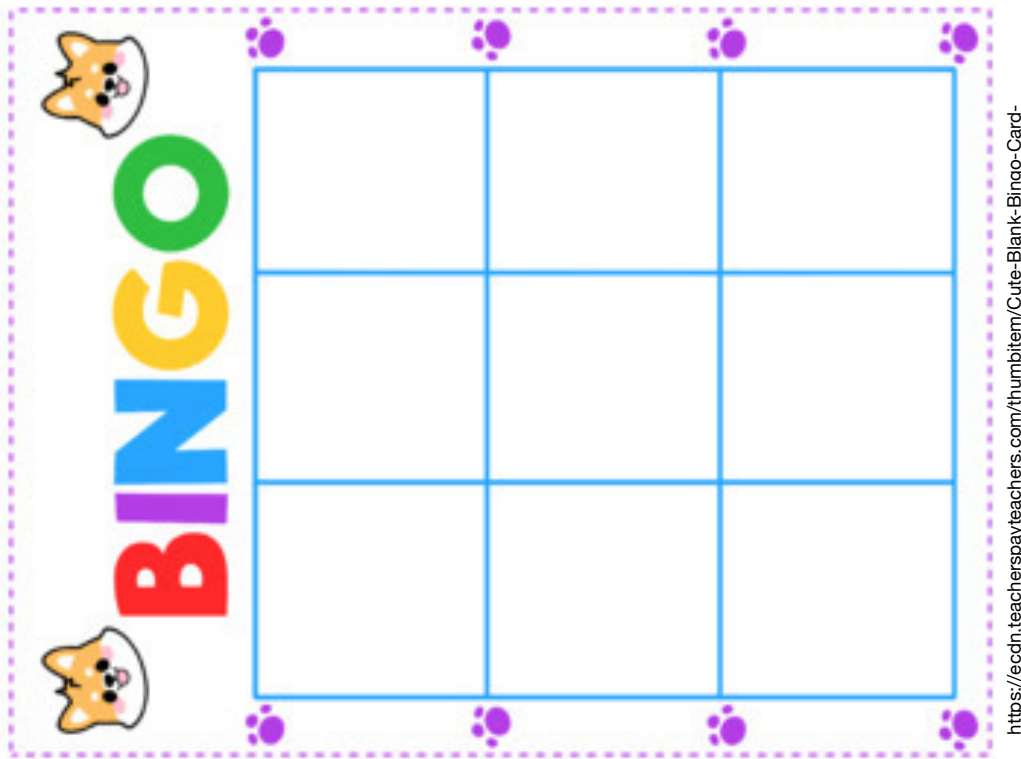
- Family night
- Friends night
- Rainy day fun

Play:

- Traditional BINGO where the winner is the first to get 5 across, down or diagonal on a 5x5 card.
- Elementary level BINGO where the winner is the first to get 3 across, down or diagonal using a 3x3 card. Numbers are randomly placed on the card.
- Choose the level of difficulty based on the flashcards used.
 - Examples:
 - Low degree of difficulty use addition cards that add between 0-10 (0+1, 4+5, etc.) on 3x3 BINGO cards.
 - Higher degree of difficulty mix up cards for addition and subtraction, and then add in multiplication and division.
 - For students in upper elementary and secondary, mix it up. Choose 75 cards with 75 different answers. Use cards that include basic facts as well as algebra and geometry. Share the 75 answers with players so they can build their BINGO card.

Resources

- Numbers Flashcards - MathEasily.com: <https://matheasily.com/number-flash-cards.html>
 - Basic Facts Flashcards - K5 Learning: <https://www.k5learning.com/free-flashcards/math>
 - Algebra Flashcards -
Number Dyslexia: <https://numberdyslexia.com/wp-content/uploads/2021/06/algebra-flashcards-1.pdf>
Varsity Tutors: https://www.varsitytutors.com/algebra_1-flashcards
 - Geometry vocabulary flashcards: https://static.bigideasmath.com/protected/content/gfc/hssc/cchs_geom_flashcards.pdf
 - BINGO Cards - Activity Connection: <https://activityconnection.com/free-printable-bingo-cards/>
 - Just Family Fun: <https://justfamilyfun.com/free-printable-bingo-cards/>
 - Blank BINGO Card: [https://www.mcguiffey.k12.pa.us/Downloads/Bingo Card.pdf](https://www.mcguiffey.k12.pa.us/Downloads/Bingo%20Card.pdf)
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LEARNING TOGETHER

**ALL KIDS CAN
COLLABORATIVE**

EXCELLING FOREVER