

\_\_\_\_\_ Blueprint

Goal(s):

Action Plan Steps:

Ways we will monitor progress towards goal:

Notes:

Name \_\_\_\_\_

## Kodable NWES



1. Go to either [kodable.com](https://www.kodable.com) or the kodable app on your iPad
2. Click on student login
3. Click enter Class Code
4. Type NWESmathclub
5. Find your name
6. Click Play
7. Click continue (your identification name) mission
8. Have fun!

### Hints:

- When playing on a computer you click and drag the direction arrows/etc. to the command squares
- When playing on an iPad touch and drag the direction arrows/etc. to the command squares

### Notes:

## Top-It Rules



### Number Top-It (K)

*Materials:* A deck of cards and use just the number cards along with the ace=1, taking out the face cards

*Number of players:* 2

*Directions:*

1. Deal out all cards to the two players (each player will receive half the deck).
2. The players place their stack face down before them.
3. The players flip over their top card.
4. Each player reads aloud the number on the card.
5. Whoever turned over the larger number keeps both cards. If the cards match, they are put aside and the next card is turned over. The player with the highest card takes both the tie cards and the new pair.
6. Repeat steps 3-5, until all the cards are used up, the player with the most cards wins.

*Interesting Fact:* Adults may remember this as the game "War."

### Addition Top-It (1<sup>st</sup>-4<sup>th</sup> grade)

*Materials:* A deck of cards and use just the number cards along with the ace=1, taking out the face cards

*Number of players:* 2 or 3

*Directions:*

1. Deal out all cards to the players, making sure each person gets the same amount of cards.
2. The players place their stack face down before them.
3. The players will flip over their top two cards and call out the sum of the numbers.
4. The player with the greatest sum takes all 4 cards. If the sums match, they are put aside and the next two cards are turned over. The player with the greatest sum takes both the tie cards and the new pairs.
5. Repeat steps 3 and 4, until all the cards are used up, the player with the most cards win.

*Variation:* Use a set of double-nine dominoes instead of a set of number cards. Place the dominoes face down on the playing surface. Each player turns over one domino and calls out the sum of the dots on the two halves. The winner of a round takes all the dominoes in play.

## **Subtraction Top-It (1<sup>st</sup>-4<sup>th</sup> grade)**

*Materials:* A deck of cards and use just the number cards along with the ace=1, taking out the face cards

*Number of players:* 2 or 3

*Directions:*

1. Deal out all cards to the players, making sure each person gets the same amount of cards.
2. The players place their stack face down before them.
3. The players will flip over their top two cards and call out the difference of the numbers. Make sure to subtract the smaller number from the larger number.
4. The player with the greatest difference takes all 4 cards. If the differences match, they are put aside and the next two cards are turned over. The player with the greatest difference takes both the tie cards and the new pairs.
5. Repeat steps 3 and 4, until all the cards are used up, the player with the most cards win.

*Variation:* Use a set of double-nine dominoes instead of a set of number cards. Place the dominoes face down on the playing surface. Each player turns over one domino and calls out the difference of the dots on the two halves. The winner of a round takes all the dominoes in play.

## **Multiplication Top-It (3<sup>rd</sup> -5<sup>th</sup> )**

*Materials:* A deck of cards and use just the number cards along with the ace=1, taking out the face cards

*Number of players:* 2-4

*Directions:*

1. Deal out all cards to the players, making sure each person gets the same amount of cards.
2. The players place their stack face down before them.
3. The players will flip over their top two cards and call out the product of the numbers.
4. The player with the greatest product takes all 4 cards. If the products match, they are put aside and the next two cards are turned over. The player with the greatest product takes both the tie cards and the new pairs.
5. Repeat steps 3 and 4, until all the cards are used up, the player with the most cards win.

*Variation:* Use a set of double-nine dominoes instead of a set of number cards. Place the dominoes face down on the playing surface. Each player turns over one domino and calls out the product of the dots on the two halves. The winner of a round takes all the dominoes in play.