

# JOIN GROUPS TO ADD.

## INVESTIGATIONS OVERVIEW PAGE

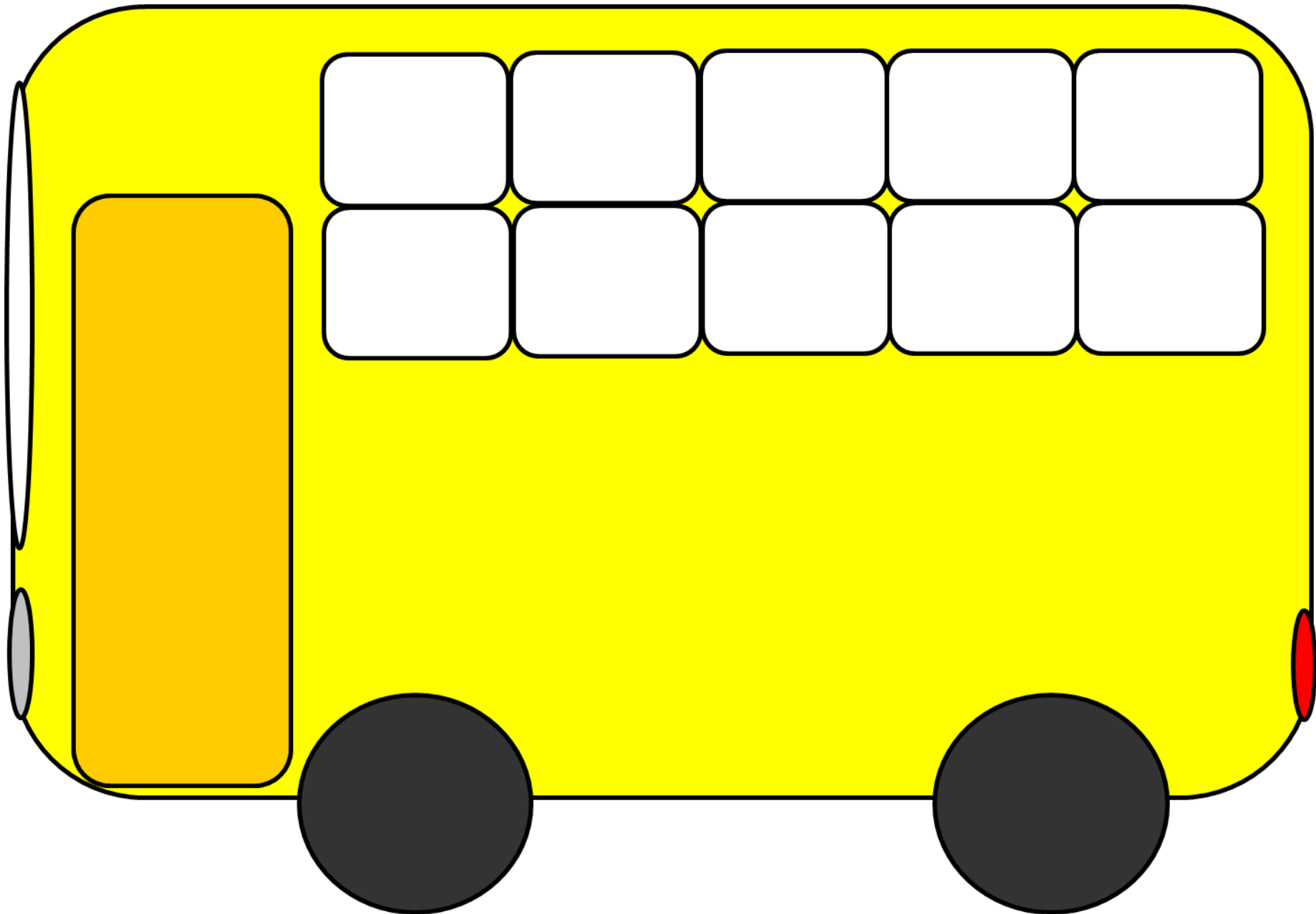
THIS PAGE IS A SUMMARY OF THE INVESTIGATIONS THAT STUDENTS MAY ENGAGE IN TO DEEPEN THEIR RELATIONAL UNDERSTANDING.  
INVESTIGATIONS WITH INSTRUCTIONS TO STUDENTS FOLLOW ON SUBSEQUENT PAGES.

- In pairs, children select 2 numbers to make 2 small groups of counters. They count the counters in each group. They join the groups into 1 group and count the number of counters altogether. They record their groups and an informal number sentence to describe the groups they started with and joining the groups together into 1 group. [Reflection: How do we join groups together to add?](#)
- In pairs, children have a 10 Frame Bus. One child places some counters on the bus in the top row to act as children, explaining 'There are ... children on the bus'. The second child adds some counters as children, explaining '... more children got on'. Children record their two groups of 'children' and the total number. [Reflection: How do we join groups together to add?](#)
- In pairs, children have a set of dominoes. They join the number of dots together on 1 domino. They record joining the groups in an informal number sentence. [Reflection: How do we join groups together to add?](#)

Numerals 0 – 10 (print, cut out and distribute to each child)

0	1	2	3
4	5	6	7
8	9	10	

10 Frame Busback



## Join Groups to Add

Select 2 numbers to make 2 small groups of counters.

Count the counters in each group.

Join the groups into 1 group and count the number of counters altogether.

Record your groups and an informal number sentence to describe the groups you started with and joining the groups together into 1 group.

Reflection: How do we join groups together to add?

## Join Groups to Add

Sit with a friend.

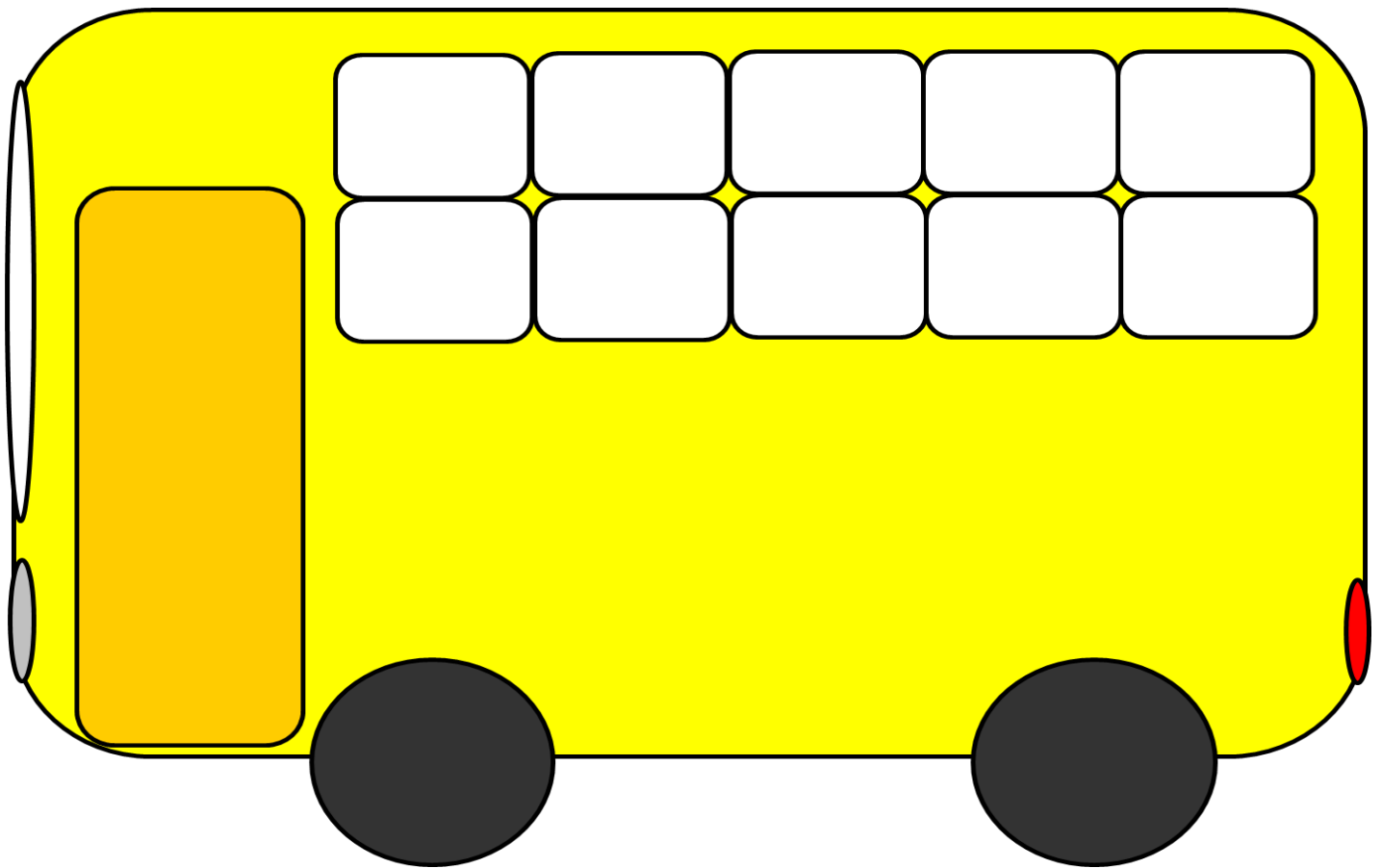
Have a 10 Frame Bus.

One of you place some counters on the bus in the top row to act as children, explaining 'There are ... children on the bus'.

Your friend adds some counters as children, explaining '... more children got on'.

Record your two groups of 'children' and the total number in an informal number sentence.

Reflection: How do we join groups together to add?



## Join Groups to Add

Have a set of dominoes.

Select 1 domino with 2 groups of numbers on it.

Record the groups, joining the groups in an informal number sentence.

Reflection: How do we join groups together to add?