

Blank Beehives – Emergent Addition and Subtraction

1. Hand out one blank hive to each student and yourself
2. Place a three bees onto each hive.
3. Say (to the group):
 - *How many bees are on your hive?*
 - *Let's count them together – One...Two...Three!*
 - *There are three bees on the hive.*
4. Give two more bees to each student
 - *Two more bees fly down*
 - *Make two more bees fly down onto your five (model two more bees flying down onto the hive.) Buzzzzzzzzzzzzzz!*
5. Say (to the group):
 - *How many bees are on your hive now, can anyone tell me?*
6. Wait for and note responses, then say:
 - *Let's check, we'll count them together...One...Two...Three...Four...Five!*
 - *How many bees on the hive? Five.*
 - *Three bees plus two bees equals five bees.*
7. Say (to the group):
 - *Now, three bees are going to fly away*
 - *Let's make three bees fly away*
 - *(model three bees flying away)...Buzzzzzz! One...Buzzzzzz! Two...Buzzzzzz! Three!*
8. Say (to all):
 - *How many bees are on your hive now, can anyone tell me?*

9. Wait for and note responses, then say:

- ***Let's check, we'll count them together...One...Two...Three!!***
- ***How many bees on the hive? Three.***
- ***Five bees take away two bees equals three bees.***

10. Repeat using different numbers of bees, and allow students to try counting individually.