

Second Tab

3. Make Many

- a. Fill all the collection boxes and then complete the questions for each Goal.

| Goal: 4H_2 | |
|---|--|
| Draw it! | |
| What does the big '4' in 4H_2 mean? | |
| What does the little '2' in 4H_2 mean? | |

| Goal: 2CO_2 | |
|--|--|
| Draw it! | |
| What does the big '2' in 2CO_2 mean? | |
| What does the little '2' in 2CO_2 mean? | |

| Goal: 2O_2 | |
|---|--|
| Draw it! | |
| What does the big '2' in 2O_2 mean? | |
| What does the little '2' in 2O_2 mean? | |

| Goal: 2NH_3 | |
|--|--|
| Draw it! | |
| What does the big '2' in 2NH_3 mean? | |
| What does the little '3' in 2NH_3 mean? | |

Third Tab Challenge

4. What's the biggest molecule you can make?

- a. Molecule Name: _____
b. Chemical formula: _____

5. Can you make a molecule that can be broken into smaller molecules?

- a. Big molecule **name**: _____
b. Big molecule **chemical formula**: _____
c. Smaller molecule **names**: _____
d. Smaller molecule **chemical formulas**: _____ -----(Now play molecularia)