



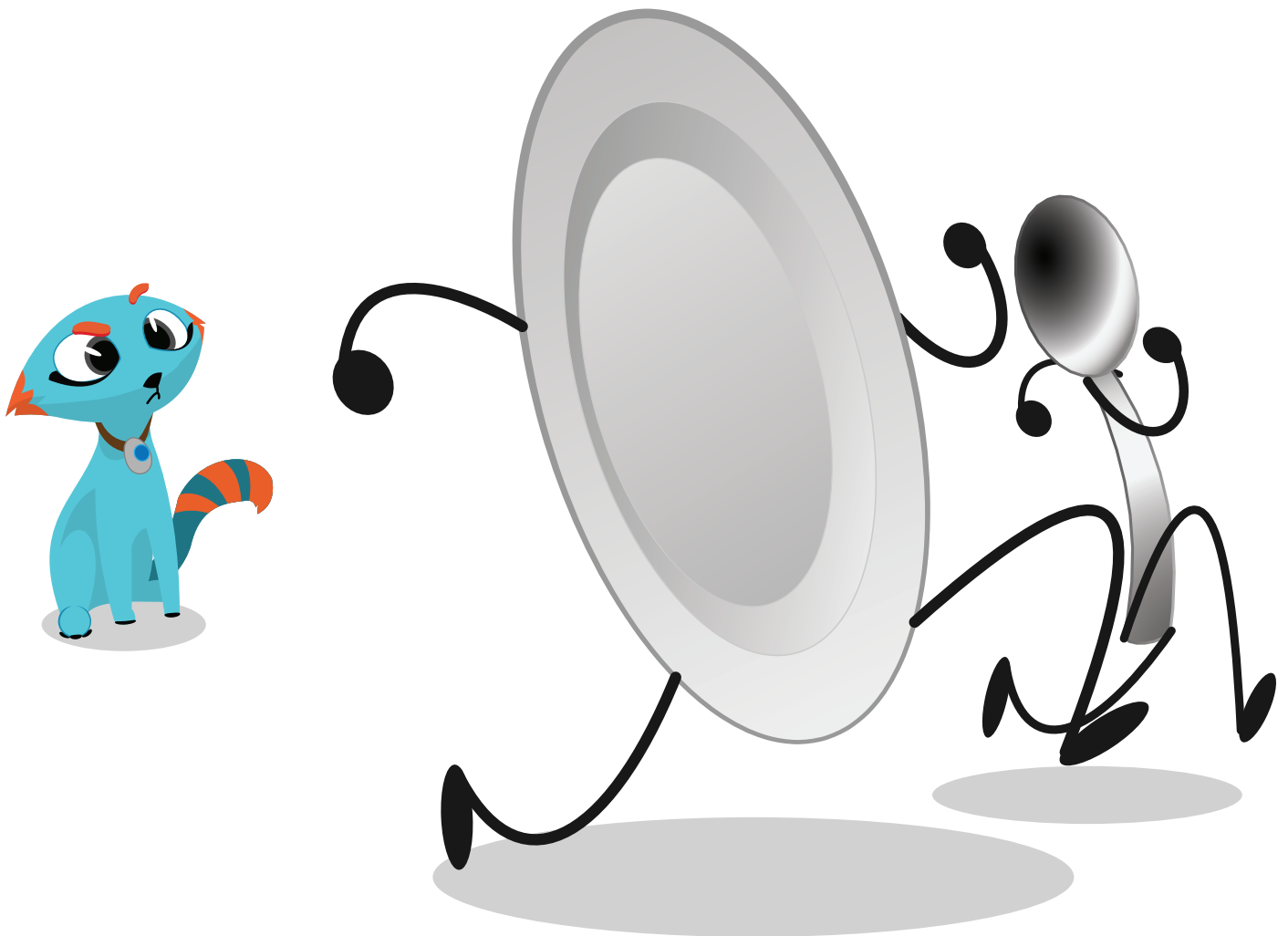
# Quit Diddling Around!



# Quit diddling around, CJ!

One day, CJ was walking past a school when they heard a silly sounding chant coming from the playground. CJ wants to be able to share this fun with their new friends at the Pizzeria. Help CJ learn the order of this rhyme. When you get it right, you will find out what CJ needs to be able to share it with their friends. It will also help you find the answer to this riddle:

**What kind of dog nver bites?**



## Materials:

- Computer with Code Jumper App
- Code Jumper Kit:
  - Hub
  - Pause pod
  - Seven Play pods
- Note taking materials

## Directions:

1. In the Code Jumper App, set the sound set to Mystery Rhyme for Thread 1. Attach a play pod to that thread on the Hub.
2. Turn the sound dial until you hear CJ's chimes. This sound is the whole rhyme. You can listen to it to learn the order of the rhyme, or challenge yourself and try to solve it without listening to it first.
3. After the first Play pod, add in a pause pod at 2 beats to the end of the play pod.
4. Add 6 Play pods with a speed of 1 after the Pause pod and turn the Sound dial of each Play pod to recreate the rhyme.
5. Play the program all the way through by pressing the Play button on the Hub or app.
6. The name of each sound is a letter to solve the riddle. Listen to each letter by reading the code aloud. Record each letter on your paper or note taking device.

To read the code aloud, select the Read button on the app or press the Play and Stop buttons on the Hub at the same time. Code Jumper reads the letters out loud to spell the answer to the riddle.

**Hint!** Use the Stop button to stop and record your letter.

7. What kind of dog never bites?
8. If this doesn't spell an answer that makes sense, go back and practice debugging your rhyme.

By breaking down the rhyme into pieces, you are using a strategy in computer science called decomposition.

**Decomposition:** A key strategy within computer programming where you break down a complex problem into smaller parts in order to make it easier to manage, understand, and solve.

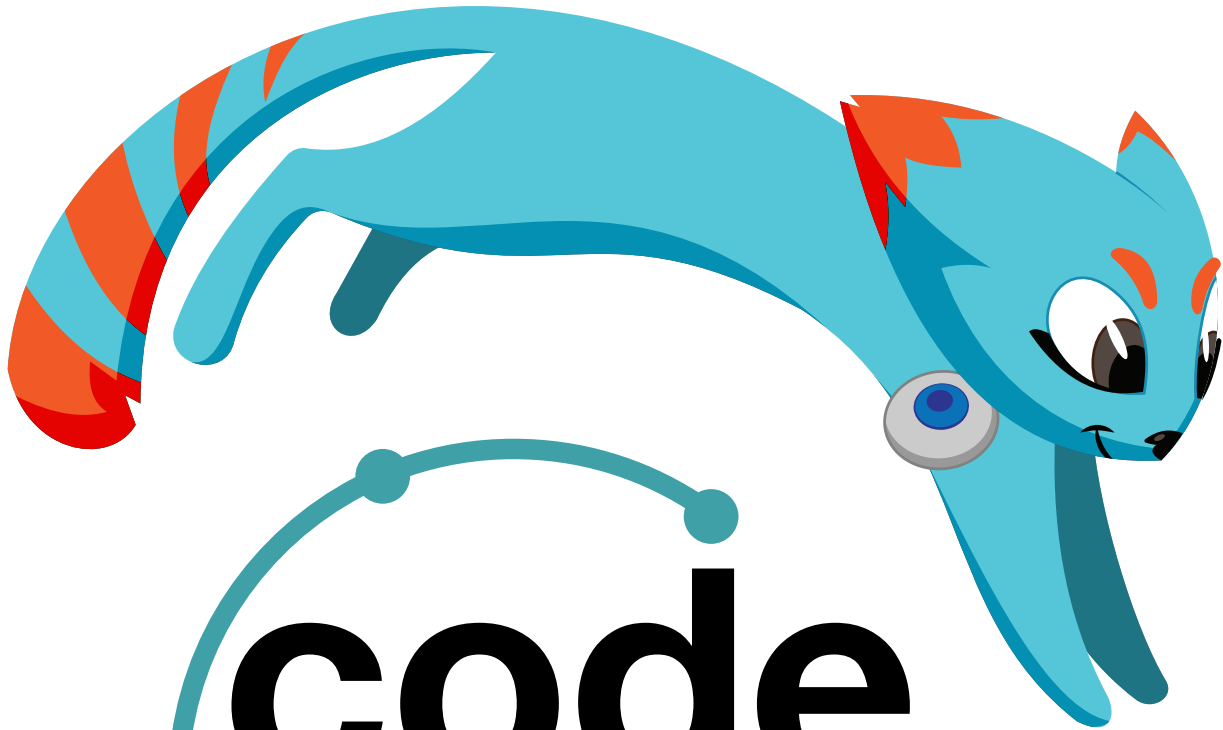
To learn more about decomposition, check out a Code Jumper lesson about decomposition.

To check your work, download the puzzle answers

**Congratulations! You've completed another CJ adventure!**



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**code  
jumper**

