# Lesson 5

## Worksheet 2

1. **Why do we need to have the “*while True*” loops in the scripts? What do you think the Sprites would do if we removed them (you can try it and see — you will need to remove the indentation).** (Hint: how many times does the Bird check whether it is touching the Star?)

1. **What happens in the Bird’s script if you change *while True* to *while False*?**
2. **What happens if you remove the self.wait\_seconds(0.1) command in the Bird’s green flag script?** (Hint: it matters *right at the start of the program*, when you press the green flag).
3. **You may have noticed we added a self.show() in the Star’s script. What do you think this does, and how does it work together with the self.hide() in the other script?**