

I went outside to do research at the field/forest at IST and the date and time was 10/16/2024 and the time was about 2pm I saw oak trees, leaves, and some mulch but something that stood out to me was when I saw a bee flying in a particular flight pattern and I was very interested about bee flight patterns and i started researching and this is my research.

The patterns I saw were spiral and straight patterns by the bees most likely collecting pollen and it was cold outside which made them fly straight. Bees fly in spiral and messy patterns. Also another flight pattern that bees do while flying to get pollen is where they fly in a straight line but they mostly fly straight in warmer climates.

Also they fly straight when it's cooler outside and when they're flying to collect pollen they go into a spiral. In neighborhoods or if a nest is in a more urban area they will fly higher. In the winter or when their hive is blocked off they will fly in an uneven flight pattern and this means that they will die.

Did you know that bees who are flying for some of the first times they fly in a zigzag pattern. **Those leaving the hive for the first few times only fly a short distance away. Then, they return to the hive entrance and sway out and back in a zigzag pattern”** ([bee orientation flights](#) 1/26/2024)