



Saplings Colouring Package #21







Did You Know?

Ten Fun Facts About Bees

1. Honey bees communicate the location of high-quality food sources with a complex movement called the "waggle dance".
2. A single worker honey bee will produce only about 1/2 a teaspoon of honey in her entire lifetime. It takes about 2 million flower visits for an entire hive to create just one pound of honey.
3. Bees have five eyes. They have two large compound eyes on the sides of their head and three smaller eyes in the center (called ocelli) that help them detect changes in light and navigate using the sun.
4. Bees cannot see the colour red, but they have spectacular vision in the ultraviolet spectrum. This allows them to see intricate, bullseye-like patterns on flower petals that guide them right to the nectar.
5. When bees land on a flower, they can actually taste it. Their feet are covered in chemical receptors that allow them to immediately detect if the plant is a good source of sweet nectar or salt.
6. When flying, the rapid flapping of a bee's wings (up to 200 times per second) builds up a positive static electric charge. When they land on a plant, negatively charged pollen grains essentially jump and cling to the bee's fuzzy body.
7. Bees have two stomachs — one for digesting food and a second, special honey stomach used exclusively to carry nectar back to the hive.
8. Despite her title, the queen bee is not a ruler. She is treated as an egg-laying machine that can produce up to 2,000 to 2,500 eggs a day. If she becomes unproductive or dies, the workers can actually raise a new queen from a regular larvae by feeding her a special diet of "royal jelly".
9. Studies have shown that bees possess the cognitive ability to recognize and remember human faces.
10. Bees never sleep. They simply rest at night by remaining still, occasionally dropping their body temperatures to conserve energy.

Now It's Your Turn!
Draw your own bees here

Kids' drawings that are scanned may be included in a promotional video on Saplings social media. Email drawings to lisa@onethousandtrees.com by the end of the month.