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Scientists discover secret about a honey bee's stinger – 15th October 2026

Level 0

Scientists found something interesting about honey bees. It is why a bee's stinger puts venom into a person's skin after it comes off the bee. The scientists videoed the stinger. The video showed that the stinger is like a pump. This keeps the venom going into a person's skin. A researcher hopes the discovery will be useful.

A bee sting can be very painful. It can be dangerous for people with allergies. They may have trouble breathing. If someone is stung by a bee, they should remove the stinger. This will stop venom going into the body. The person should also wash the area with soap. If a person feels unwell, they should call the emergency services.

Level 1

Scientists in Australia made an exciting discovery about honey bees. It is about why a bee's stinger puts venom into a person's skin after it comes off the bee's body. The scientists videoed the stinger. The video showed that the stinger works like a pump. It has two small parts that move backwards and forwards. This keeps the venom flowing into the skin. A researcher hopes the discovery will be useful. Similar pumps could give medicine to people.

A bee sting can be very painful. It can be dangerous for people with allergies. Some people have a serious reaction. Their throat may swell up, or they may have trouble breathing. If someone is stung, they should remove the stinger. This will stop more venom going into the body. The person should also wash the area with soap and water. If the person feels unwell, someone should call the emergency services.

Level 2

Scientists in Australia have made an exciting discovery about honey bees. The scientists found out why a bee's stinger puts venom into a person's skin after it comes off the bee's body. The scientists used high-speed cameras to film the stinger. The video showed that the stinger works like a pump. It has two small parts that move backwards and forwards. These parts help keep the venom flowing into the skin. A researcher said the pump's design was "unique". She hopes her discovery will be useful. Companies might make pumps that could give medicine to people.

A bee sting can be very painful. Most people have swelling after a sting. It can be dangerous for people who have allergies. Some people have a serious reaction. Their face or throat may swell up, or they may have trouble breathing. If someone is stung, they should remove the stinger quickly. This will stop more venom going into the body. The person should also wash the area with soap and water. In addition, it is a good idea to put an ice pack over the sting. If the person feels unwell, someone should call emergency services.

Level 3

Scientists from Macquarie University in Australia have made an exciting discovery about honey bees. The scientists found out why a bee's stinger keeps putting venom into a person's skin after it comes off the bee's body. The scientists used high-speed cameras to film the tiny stinger, which is only two millimetres long. The video showed that the stinger works like a pump. It has two small parts that move backwards and forwards. These parts push the stinger deeper into a person's skin to help keep the venom flowing. The lead researcher said the design of the pump was "unique". She hopes her discovery will help companies make tiny pumps that could give medicine to people.

A bee sting can be very painful. Most people have pain, redness and swelling after a sting. However, a sting can be dangerous for people who have allergies. Some people have a serious reaction and go into anaphylactic shock. Their face or throat may swell up, or they may have trouble breathing. If someone is stung, they should remove the stinger as quickly as possible. This will help to stop more venom from entering their body. The person should also wash the area with soap and water. In addition, it is a good idea to put an ice pack over the sting to help reduce pain and swelling. If the person feels unwell, someone should call emergency services immediately.