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Touch test

We feel things because of the nerves under our skin.

There are feeling points called receptors.

The feeling points can be close together or far apart.

Science experiment

In this experiment you will find out where the receptors are close together and where they are far apart.

Take a polystyrene block and stick two pins in it.

The pin heads are about 1 cm out of the polystyrene. They are the same height.

Get a friend to put a blind fold on.

Press the pin heads GENTLY against your friend's skin at these places:

1. the palm of the hand
2. the fingertips
3. the inside of the arm.

What did you find?

The fingertips can feel things better because the nerve receptors are close together here.

The palm can not feel as well as the fingertips.

The arm cannot feel things as well as the fingertips or palm.

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God created us with a sense of touch

Do you know why?

God is a protector. He gave us the sense of touch to protect us from things we come into contact with.

When we touch something that is hot we take our hand away quickly. If we left our hand on something hot for more than a second we would have a very bad burn.

When the weather is cold we feel cold and know to wear warm clothes. If we wore thin clothes in cold weather we may catch a cold.

If we touch something sharp we pull our hand away immediately. If we walk on something sharp we move our feet so as not to hurt our feet.

The sense of touch one of the many special gifts God gave us when He made us. He thought about everything a human being would need!

Why is the sense of touch important to our safety?

Draw some things that would hurt us if we touched them.