

4th GRADE MINIMUM CONTENTS- NATURAL SCIENCE UNIT 1: OUR SENSES-TOUCH

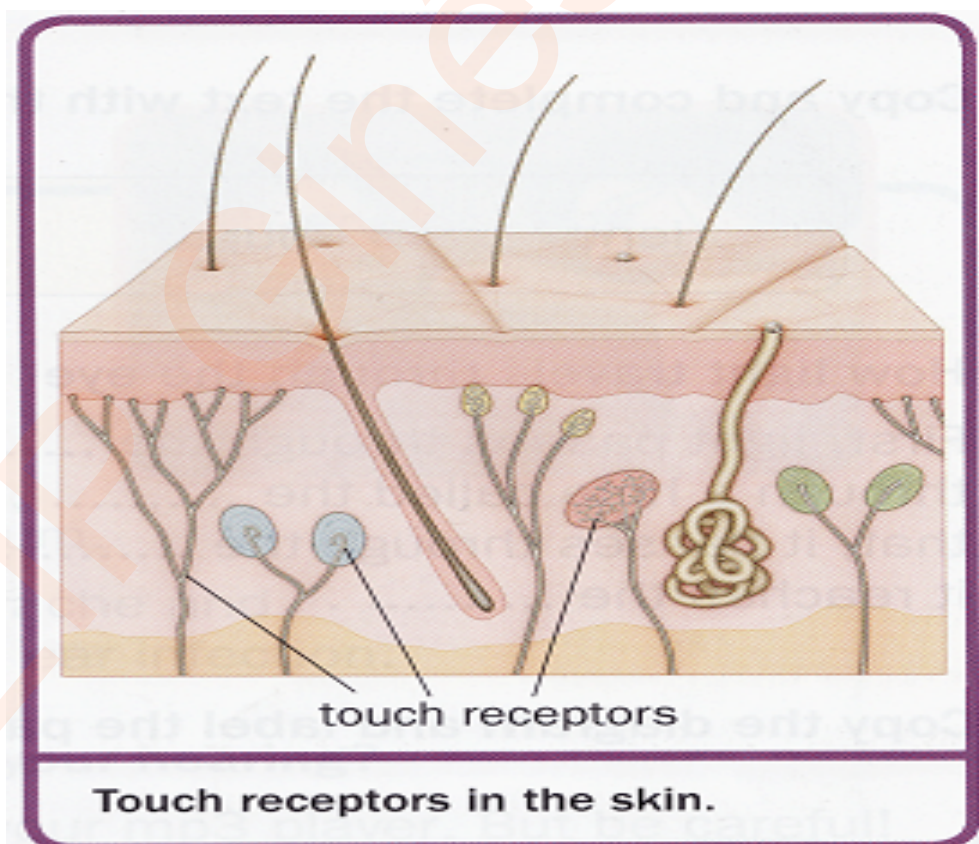
► TOUCH

We use our **skin** to feel. Our body is completely covered by skin. The skin has sensitive **touch receptors** that allow you to distinguish different sensations, for example **temperature, texture, pressure, and pain**.

Touch receptors send this information to the brain.

Some parts of your skin are more sensitive to touch than others, for example, your fingertips and lips.

By touching things, we know if something is wet or dry, hot or cold, or hard or soft. **Nerve endings** send the information to the brain.



► **TOUCH: DISORDERS OR DISEASES**

Viruses and bacteria can produce skin disorders. The most frequent are **itching, reddening and inflammation**.

A common disorder is **eczema**. You can get eczema when you are allergic to a medicine, food or cream.

► **LOOK AFTER YOUR SKIN**

- You should have a shower every day to keep your skin clean.
- When you are in the sun you should use lots of **sunscreen**.
- Avoid contact with irritating substances such as insecticides.
- If you cut yourself, clean and disinfect the cut immediately.

UNIT 1: OUR SENSES - TOUCH
ACTIVITIES

1.- Find words related to touch. Then, use the words to complete the text.

S	O	F	T	I	E	M	M	G	L	W	R	F	V
S	E	N	S	I	T	I	V	E	I	E	S	G	Q
T	O	U	C	H	R	E	C	E	P	T	O	R	S
X	D	C	O	L	D	I	P	S	S	O	M	F	Y
E	G	Q	T	P	P	M	S	K	I	N	V	I	L
Q	B	F	I	N	G	E	R	T	I	P	S	W	P

The sense organ of touch is the We distinguish different sensations through our t..... r..... Our f..... and l..... are very s..... The sense of touch allows us to distinguish whether something is dry or w....., hot or c....., or hard or s.....

2.-What do these things feel like? Read and correct the sentences.

- a. Water is dry. _____
- b. A tree trunk is soft. _____
- c. Ice cream is hot. _____
- d. A baby's hair is hard. _____
- e. Fire is cold. _____

3.-How do these things feel? Read and match.

Hot - cold - wet - dry - hard - soft



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4.-Complete the crossword about how these things feel.



1



2



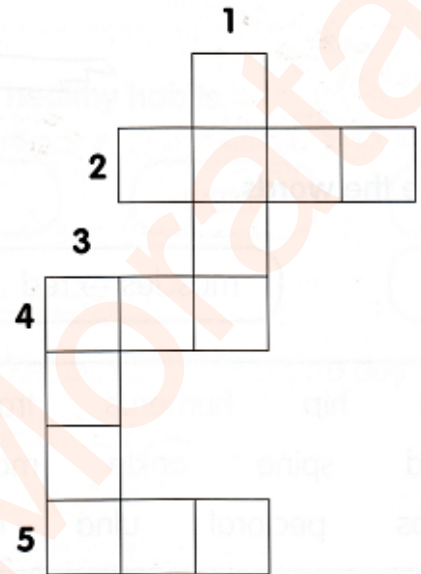
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4



5



5.-Listen and complete the sentences.

- Our perceive information from outside our bodies.
- Our change the information into nerve signals.
- transmit the information to our brains.
- Our brains convert the information into a

6.- Complete your bilingual dictionary.

TOUCH		
- skin : _____ - Touch receptor : _____ _____ - Wet: _____ - Dry: _____ - Itch: _____	- Hot : _____ - Cold : _____ - Hard : _____ - Soft: _____ - Pressure: _____ - Sunscreen: _____	- Temperature : _____ _____ -Texture: _____ - Nerve ending : _____ _____ - Pain : _____