

TEACHERS' TOOLKIT

THE MAGAZINE + WEBSITE FOR AUSTRALIAN TEACHERS WWW.TEACHERSTOOLKIT.NET.AU

HOMEWORKWEEKLY: UPPER PRIMARY 0038

Name _____

Class _____

Reach out and touch

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The sense of touch helps us learn about our world by feeling it and learning the size, texture and shape of things. Touch is our most active sense, our means of reaching out and experiencing the world.

Imagine that you are in dark room running your fingers over a smooth surface trying to find a single dot the size of a pin-head? The 'full stop' on a blank page? A single strand of hair?

Touch is the first sense aroused during a baby's early development and is often one of the few sensations experienced by very sick people when the nurse touches them.

Touch is not light sight, when you close your eyes you don't see anything. You can't do that with touch. Touch is a constant happening in so many places throughout your body.

While we can look at or hear something from a distance, how often have you wanted to get closer to that something to touch it? We often need to move to learn about something using our tactile senses. Rather than just look, we like to stroke the dog or cat and rub our clothes to feel the material. Our hands are so clever, they can do many things automatically – press a button, play the piano, juggle balls and much, much more. Making contact with something is two-way, unlike seeing and hearing.

The Macquarie Dictionary defines *tactile*, an adjective, as relating to the organs or sense of touch.

Scientists are working with developers for practical purposes; to develop better touch screen devices, robot hands and better understand how artificial limbs might link with the body systems. They are working on how we can take onboard information through our tactile senses. And they are looking at how the sense of touch can reduce noise levels? For example, having your mobile phone buzz and vibrate rather than it ringing out is a great idea.

Think about where all our senses are gathered. Sight, hearing, smell and taste are all located near our brain. Touch receptors (parts of the skins that are sensitive to touch) are all over our skin and muscle tissues. And we have lots of different forms of touch feelings: some that relate to vibrations and pressure, some to warmth and cold, some to nice and not nice things. And because our touch senses are all over our body, there is an amazing map inter-connecting different touch sensations to different places in the body, but most importantly to the brain.

If you want to explore the tactile world, your hands are very important tools to use and protect.

After Reading

1. What does *tactile* mean? _____
2. Why is touch different from sight? _____

3. List the 5 senses and write a short sentence, beginning with *I use my (sense) for*?

4. Describe in your own words, different touch/feeling sensations you experience?
5. What do you think would happen if we lost our sense of touch?
Use the back of this page for your answer to questions 4 & 5 above.

Spelling

Mark any words that you are unsure about in the news article above and add them to your weekly personal word list. Write out your list of spelling words each day this week to help you learn them. Have a friend test you on your words on Friday.

Colour in each box as you complete the task.

Monday Tuesday Wednesday Thursday Friday

Word study

Edit

Use a red pen to edit this passage for spelling and punctuation

there are fifty tow cards in a beck of playing cards each has a number and belongs to one of the five suits called spades clubs hearts or diamons. My favourite card is the extra card called the jokar the court cards or pcture cards and include the jack queen king and ace of any of the four abofmentioned suites. Cards made of plastic are the most dearest to by. do youse have a special card game that you like to play

Word study 2

Homonyms

Homonyms can be homographs or homophones.

Homophones are words pronounced alike but with different spellings (piece, peace).

Homographs are words spelt the same way but with different meanings. (He ate cereal from a bowl. He can bowl a cricket bowl.)



1. Write a sentences showing two different meanings for each of these homographs.

(a) ball _____

(b) duck _____

2. Write sentences that demonstrate that you know the meaning of these homophones.

(a) ate _____

(b) eight _____

(c) flour _____

(d) flower _____

(e) hole _____

(f) whole _____

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Maths

Headwork

1. What does 5 mean in 25 743? _____
2. What does 8 mean in 14.8? _____
3. $50\ 000 + 9 + 70 - 79 =$ _____
4. 600 buttons @ 8c each? _____
5. $\frac{1}{4}$ is how many twentieths? _____
6. $4.3 + 3.4 =$ _____
7. Metres in $\frac{1}{2}$ kilometre? _____
8. $173 + 44 =$ _____
9. Factors of 24? _____
10. Minutes in 0.75 of an hour? _____
11. Temperature of boiling water? _____
12. Degrees in a semi-circle? _____
13. $\sqrt{16}$ plus 3 = _____
14. Is 16% equivalent to $\frac{32}{200}$? _____
15. Roman numerals for 122? _____

Problems with money

Show your working

James went shopping. How much did it cost him if he bought the following items:

- ⌘ 1 potato masher at \$ 1.50
- ⌘ 2 kg of potatoes at 55c per kg
- ⌘ $\frac{1}{2}$ spinach pie at \$ 4.50 per pie
- ⌘ 2 kg of onions at 85c per kg
- ⌘ 12 eggs at \$2.50 per dozen
- ⌘ 3 kg of broccoli at \$ 2.99 per kg

Show your working here.

General Knowledge Quiz

1. Which word *doesn't* mean cold? frigid nippy algid tepid
2. What is the capital of Sweden? Dublin Stockholm Ottawa Copenhagen

Puzzle

"What day is it?" asked the little girl. "Goodness," replied her father, "well let's see – the day after the day after tomorrow will be the day before the day before the day before Sunday." Can you work out which day it is?

Research: House and Shelter

People live in a variety of different houses around the world.

Find the types of houses in this Word Search.

YURT	TONGKONAN
IGLOO	MUDHIF
COTSWOLD	MINKA
TRULLO	MUD BRICK
CARAVAN	



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

Answers

After Reading

1. Tactile relates to the organs or sense of touch.
2. When you close your eyes or lose your sight, vision is not possible, but because touch covers so much of the body, it will almost always be working in some manner.
3. I use my eyes to read a book (sight)
I use my ears to listen to music (hearing)
I use my nose to smell a pie (smell)
I use my mouth to taste a pizza (taste)
I use my hands to feel the tree bark (feeling)
4. Answers will vary. Discuss in class.
5. Answers will vary. Discuss in class.

Word Study

Word Study 1

There are fifty-two cards in a deck of playing cards. Each has a number and belongs to one of the four suits called Spades, Clubs, Hearts or Diamonds. My favourite card is the extra card called the joker. The court cards or picture cards can include the Jack, Queen, King and Ace of any of the four abovementioned suits. Cards made of plastic are the most dearest to buy. Do you have a special card game that you like to play?

Word Study 2

Homonyms

Answers will vary. Discuss in class.

Maths

Headwork

5 thousands or 5000, 8 tenths or $\frac{8}{10}$, 50 000, \$48.00, 5 twentieths, 7.7, 500 metres, 217, 6 and 4 & 12 and 2 & 3 and 8 & 24 and 1, 45 minutes, 100°C, 180°, 7, yes, CXXII

Problems

$1.50 + (2 \times 55c) + (\frac{1}{2} \text{ of } \$4.50) + (2 \times 85c) + (\$2.50) + (3 \times \$2.99) = \18.02

Trivia

1. tepid 2. Stockholm

Puzzle

Monday

Research

Answers can be checked in partners