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Level 3 – 7th December 2023

Scientists say dolphins have a seventh sense

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<https://breakingnewsenglish.com/2312/231207-dolphins-seventh-sense.html>

Contents

The Article	2	Discussion (Student-Created Qs)	15
Warm-Ups	3	Language Work (Cloze)	16
Vocabulary	4	Spelling	17
Before Reading / Listening	5	Put The Text Back Together	18
Gap Fill	6	Put The Words In The Right Order	19
Match The Sentences And Listen	7	Circle The Correct Word	20
Listening Gap Fill	8	Insert The Vowels (a, e, i, o, u)	21
Comprehension Questions	9	Punctuate The Text And Add Capitals	22
Multiple Choice - Quiz	10	Put A Slash (/) Where The Spaces Are	23
Role Play	11	Free Writing	24
After Reading / Listening	12	Academic Writing	25
Student Survey	13	Homework	26
Discussion (20 Questions)	14	Answers	27

Please try Levels 0, 1 and 2 (they are easier).

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THE ARTICLE

From <https://breakingnewsenglish.com/2312/231207-dolphins-seventh-sense.html>

It is common knowledge that we have five senses. Some people believe they have six senses. They say their sixth sense is the ability to know something without using the ordinary five senses of sight, hearing, smell, touch and taste. Scientists have just discovered that some dolphins have seven senses. Researchers in Germany say bottlenose dolphins can sense electricity produced by their prey. The dolphins can detect the electric pulses produced by the heart beats of other sea creatures. This could help dolphins to find their next meal. Dolphins also use their excellent eyesight and sonar to sense what is around them. This seventh sense may also help them to navigate using Earth's magnetic field.

The researchers conducted a study on two dolphins named Dolly and Donna. Experiments tested what kinds of electricity the dolphins could detect. Dolly and Donna could sense both kinds of electricity - direct current and alternating current. They were a lot better at picking up direct current. All organisms produce direct current electricity in water. The researchers say being able to detect this means dolphins may be able to sense the location of most kinds of fish that are near them. The dolphins could use their seventh sense to hunt, even if they cannot see or hear well, or if they cannot use their other senses. The study has been published in the "Journal of Experimental Biology".

Sources: <https://www.iflscience.com/bottlenose-dolphins-become-one-of-few-known-mammals-with-a-seventh-sense-71824>
<https://www.sciencenews.org/article/bottlenosed-dolphins-sense-electric-fields-hunt-prey>
<https://gizmodo.com/bottlenose-dolphins-can-sense-electricity-study-finds-1851062859>

WARM-UPS

1. SENSES: Students walk around the class and talk to other students about senses. Change partners often and share your findings.

2. CHAT: In pairs / groups, talk about these topics or words from the article. What will the article say about them? What can you say about these words and your life?

knowledge / five senses/ sight / hearing / smell / touch / taste / electricity / sonar / study / experiment / current / water / location / fish / dolphins / journal / hunt

Have a chat about the topics you liked. Change topics and partners frequently.

3. SIGHT: Students A **strongly** believe sight is the most important sense; Students B **strongly** believe it isn't. Change partners again and talk about your conversations.

4. SIX SENSES: Why are these senses important? How would life be different if the senses were much, much better? Complete this table with your partner(s). Change partners often and share what you wrote.

	Importance	Life with a Stronger Sense
Sight		
Hearing		
Smell		
Touch		
Taste		
ESP		

5. KNOWLEDGE: Spend one minute writing down all of the different words you associate with the word "knowledge". Share your words with your partner(s) and talk about them. Together, put the words into different categories.

6. OTHER SENSES: Rank these with your partner. Put the most important senses at the top. Change partners often and share your rankings.

- Pain
- Balance
- Ego
- Hunger
- Movement
- Temperature
- Fear
- Love

VOCABULARY MATCHING

Paragraph 1

- | | |
|---------------------|---|
| 1. common knowledge | a. Finding your way from one place to another. |
| 2. ordinary | b. The ability or power of being able to see. |
| 3. sight | c. An animal that is caught and killed by another for food. |
| 4. touch | d. Something that everyone knows about. |
| 5. prey | e. A quick, short movement of sound, electric current, light, or other wave. |
| 6. pulse | f. What is usual or standard. |
| 7. navigate | g. The ability of understanding things through physical contact, especially with the fingers. |

Paragraph 2

- | | |
|---------------|---|
| 8. conducted | h. An individual animal, plant, or single-celled life form. |
| 9. detect | i. A particular place or position. |
| 10. current | j. Of a book, journal, piece of music, etc. that is prepared and sold or given to people. |
| 11. organism | k. Discover or find the presence or existence of. |
| 12. location | l. Follow and kill (a wild animal) for sport or food. |
| 13. hunt | m. A flow of electricity. |
| 14. published | n. Carried out an activity like research or a survey, etc. |

BEFORE READING / LISTENING

From <https://breakingnewsenglish.com/2312/231207-dolphins-seventh-sense.html>

1. TRUE / FALSE: Read the headline. Guess if a-h below are true (T) or false (F).

1. The article says most people know we have five senses. **T / F**
2. The dolphin's seventh sense is to generate electricity. **T / F**
3. Electricity from the hearts of fish could attract dolphins to them. **T / F**
4. Dolphins might be able to move around by using Earth's magnetic field. **T / F**
5. Researchers experimented on two dolphins called Donny and Dolla. **T / F**
6. One dolphin was better at detecting electricity than the other one. **T / F**
7. All sea creatures produce direct current electricity. **T / F**
8. The research is published in the "Journal of Dolphin Biology". **T / F**

2. SYNONYM MATCH: (The words in **bold** are from the news article.)

- | | |
|----------------------|------------------|
| 1. common | a. did |
| 2. ordinary | b. living things |
| 3. discovered | c. normal |
| 4. pulses | d. issued |
| 5. navigate | e. beats |
| 6. conducted | f. close by |
| 7. organisms | g. general |
| 8. location | h. travel across |
| 9. near | i. position |
| 10. published | j. found |

3. PHRASE MATCH: (Sometimes more than one choice is possible.)

- | | |
|---|--------------------------|
| 1. common | a. published |
| 2. using the ordinary five | b. eyesight and sonar |
| 3. electric pulses produced | c. field |
| 4. Dolphins also use their excellent | d. most kinds of fish |
| 5. Earth's magnetic | e. senses |
| 6. what kinds of electricity the | f. to hunt |
| 7. They were a lot better at picking | g. knowledge |
| 8. sense the location of | h. up direct current |
| 9. dolphins could use their seventh sense | i. dolphins could detect |
| 10. The study has been | j. by the heart beats |

GAP FILL

From <https://breakingnewsenglish.com/2312/231207-dolphins-seventh-sense.html>

It is (1) _____ knowledge that we have five senses. Some people believe they have six senses. They say their (2) _____ sense is the ability to know something without using the (3) _____ five senses of sight, hearing, smell, touch and taste. Scientists have just (4) _____ that some dolphins have seven senses. Researchers in Germany say bottlenose dolphins can sense electricity produced by their prey. The dolphins can detect the electric (5) _____ produced by the heart beats of other sea creatures. This could help dolphins to find their next (6) _____. Dolphins also use their excellent (7) _____ and sonar to sense what is around them. This seventh sense may also help them to navigate using Earth's magnetic (8) _____.

sixth
ordinary
eyesight
meal
common
field
pulses
discovered

The researchers (9) _____ a study on two dolphins named Dolly and Donna. Experiments tested what kinds of electricity the dolphins could (10) _____. Dolly and Donna could sense both kinds of electricity - direct (11) _____ and alternating current. They were a lot better at picking up direct current. All organisms produce direct current electricity in (12) _____. The researchers say being able to detect this means dolphins may be able to sense the (13) _____ of most kinds of fish that are (14) _____ them. The dolphins could use their seventh sense to (15) _____, even if they cannot see or hear well, or if they cannot use their other senses. The study has been (16) _____ in the "Journal of Experimental Biology".

near
detect
water
published
conducted
hunt
location
current

LISTENING – Guess the answers. Listen to check.

From <https://breakingnewsenglish.com/2312/231207-dolphins-seventh-sense.html>

- 1) their sixth sense is the ability to know something without using the _____
 - a. ordinary five senses
 - b. order any five senses
 - c. ordinarily five senses
 - d. ordinal five senses
- 2) Researchers in Germany say bottlenose dolphins can sense electricity produced _____
 - a. by their pray
 - b. by their play
 - c. by their pry
 - d. by their prey
- 3) This could help dolphins to find _____
 - a. there next meal
 - b. they're next meal
 - c. their next meal
 - d. them next meal
- 4) Dolphins also use their excellent _____
 - a. eyesight and solar
 - b. eyesight and sofa
 - c. eyesight and sonar
 - d. eyesight and sober
- 5) This seventh sense may also help them to navigate using _____
 - a. Earth's magnetic fold
 - b. Earth's magnetic yield
 - c. Earth's magnetic field
 - d. Earth's magnetic herald
- 6) Experiments tested what kinds of electricity the _____
 - a. dolphins could defect
 - b. dolphins could deject
 - c. dolphins could eject
 - d. dolphins could detect
- 7) They were a lot better at picking up direct current. All organisms produce _____
 - a. direct current electricity
 - b. direct currant electricity
 - c. direct currency electricity
 - d. direct client electricity
- 8) researchers say being able to detect this means dolphins may be able to _____
 - a. sense the locational
 - b. sense the locating
 - c. sense the locator
 - d. sense the location
- 9) The dolphins could use their seventh _____
 - a. sense to haunt
 - b. sense to hunt
 - c. sense to hate
 - d. sense to hurt
- 10) The study has been published in the Journal _____
 - a. of Experimental Bibliography
 - b. of Experimental Biography
 - c. of Experimental Biology
 - d. of Experimental Biological

LISTENING – Listen and fill in the gaps

From <https://breakingnewsenglish.com/2312/231207-dolphins-seventh-sense.html>

It (1) _____ that we have five senses. Some people believe they have six senses. They say their sixth sense is (2) _____ know something without using the ordinary five senses of sight, hearing, smell, (3) _____. Scientists have just discovered that some dolphins have seven senses. Researchers in Germany say bottlenose dolphins can sense electricity produced by their prey. The dolphins can detect the (4) _____ by the heart beats of other sea creatures. This could help dolphins to find their next meal. Dolphins also (5) _____ eyesight and sonar to sense what is around them. This seventh sense may also help them (6) _____ Earth's magnetic field.

The researchers (7) _____ on two dolphins named Dolly and Donna. Experiments tested what kinds of electricity the dolphins could detect. Dolly and Donna could sense (8) _____ electricity - direct current and alternating current. They were a lot better at picking up direct current. (9) _____ direct current electricity in water. The researchers say being able to detect this means dolphins may be able to sense (10) _____ most kinds of fish that are near them. The dolphins could use their seventh sense (11) _____ if they cannot see or hear well, or if they cannot use their other senses. The study has (12) _____ the "Journal of Experimental Biology".

COMPREHENSION QUESTIONS

From <https://breakingnewsenglish.com/2312/231207-dolphins-seventh-sense.html>

1. What does the article say is common knowledge?
2. What kind of dolphins might have a seventh sense?
3. What could the dolphins detect in the hearts of sea creatures?
4. What is excellent in dolphins besides their eyesight?
5. What feature of Earth might dolphins use to move around?
6. One of the dolphins was named Dolly. What was the other one's name?
7. What kind of electricity could the dolphins pick up best?
8. What do all organisms produce in water?
9. What could dolphins use their seventh sense for?
10. What's the name of the journal the research is published in?

MULTIPLE CHOICE - QUIZ

From <https://breakingnewsenglish.com/2312/231207-dolphins-seventh-sense.html>

- 1) What does the article say is common knowledge?
 - a) Dolphins have seven senses.
 - b) We have five senses.
 - c) Most of us have a sixth sense.
 - d) Humans can have seven senses.
- 2) What kind of dolphins might have a seventh sense?
 - a) big dolphins
 - b) striped dolphins
 - c) bottlenose
 - d) spinner dolphins
- 3) What could the dolphins detect in the hearts of sea creatures?
 - a) tastiness of the creature
 - b) heart disease
 - c) blood
 - d) electric pulses
- 4) What is excellent in dolphins besides their eyesight?
 - a) afar
 - b) sonar
 - c) solar
 - d) radar
- 5) What feature of Earth might dolphins use to move around?
 - a) its magnetic field
 - b) the Equator
 - c) the North Pole
 - d) tides
- 6) One of the dolphins was named Dolly. What was the other one's name?
 - a) Donna
 - b) Orca
 - c) Bob
 - d) Echo
- 7) What kind of electricity could the dolphins pick up best?
 - a) scary electricity
 - b) static electricity
 - c) alternating current electricity
 - d) direct current electricity
- 8) What do all organisms produce in water?
 - a) fertilizer
 - b) a mess
 - c) direct current electricity
 - d) noise
- 9) What could dolphins use their seventh sense for?
 - a) laughing
 - b) communicating
 - c) swimming faster
 - d) hunting for food
- 10) What's the name of the journal the research is published in?
 - a) Journal of Dolphin Biology
 - b) Journal of Experimental Biology
 - c) Journal of Electrical Biology
 - d) Journal of Sea Creature Biology

ROLE PLAY

From <https://breakingnewsenglish.com/2312/231207-dolphins-seventh-sense.html>

Role A – Pain

You think pain is the most important sense. Tell the others three reasons why. Tell them why their sense isn't as important. Also, tell the others which is the least important of these (and why): hunger, temperature or fear.

Role B – Hunger

You think hunger is the most important sense. Tell the others three reasons why. Tell them why their sense isn't as important. Also, tell the others which is the least important of these (and why): pain, temperature or fear.

Role C – Temperature

You think temperature is the most important sense. Tell the others three reasons why. Tell them why their sense isn't as important. Also, tell the others which is the least important of these (and why): hunger, pain or fear.

Role D – Fear

You think fear is the most important sense. Tell the others three reasons why. Tell them why their sense isn't as important. Also, tell the others which is the least important of these (and why): hunger, temperature or pain.

AFTER READING / LISTENING

From <https://breakingnewsenglish.com/2312/231207-dolphins-seventh-sense.html>

1. WORD SEARCH: Look in your dictionary / computer to find collocates, other meanings, information, synonyms ... for the words 'sense' and 'dolphin'.

sense	dolphin

- Share your findings with your partners.
- Make questions using the words you found.
- Ask your partner / group your questions.

2. ARTICLE QUESTIONS: Look back at the article and write down some questions you would like to ask the class about the text.

- Share your questions with other classmates / groups.
- Ask your partner / group your questions.

3. GAP FILL: In pairs / groups, compare your answers to this exercise. Check your answers. Talk about the words from the activity. Were they new, interesting, worth learning...?

4. VOCABULARY: Circle any words you do not understand. In groups, pool unknown words and use dictionaries to find their meanings.

5. TEST EACH OTHER: Look at the words below. With your partner, try to recall how they were used in the text:

<ul style="list-style-type: none">• common• ordinary• prey• heart• next• field	<ul style="list-style-type: none">• conducted• tested• both• location• hunt• published
---	---

SENSES SURVEY

From <https://breakingnewsenglish.com/2312/231207-dolphins-seventh-sense.html>

Write five GOOD questions about senses in the table. Do this in pairs. Each student must write the questions on his / her own paper. When you have finished, interview other students. Write down their answers.

	STUDENT 1 _____	STUDENT 2 _____	STUDENT 3 _____
Q.1.			
Q.2.			
Q.3.			
Q.4.			
Q.5.			

- Now return to your original partner and share and talk about what you found out. Change partners often.
- Make mini-presentations to other groups on your findings.

DOLPHINS AND SENSES DISCUSSION

STUDENT A's QUESTIONS (Do not show these to student B)

1. What did you think when you read the headline?
2. What images are in your mind when you hear the word 'dolphins'?
3. What do you know about dolphins?
4. What do you think of a sixth sense in humans?
5. What do you think of having seven senses?
6. How intelligent are dolphins?
7. How useful would it be to be able to detect electricity?
8. What is your next meal going to be?
9. What can we learn from dolphins?
10. What new sense would you like?

Scientists say dolphins have a seventh sense – 7th December 2023
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DOLPHINS AND SENSES DISCUSSION

STUDENT B's QUESTIONS (Do not show these to student A)

11. Did you like reading this article? Why/not?
12. What do you think of when you hear the word 'senses'?
13. What do you think about what you read?
14. Would you like to work with dolphins?
15. What do you know about electricity?
16. How good are you at sensing what is near you?
17. What sense would you like to be sharper?
18. Would you like to read this research paper?
19. What three adjectives best describe dolphins?
20. What questions would you like to ask the researchers?

DISCUSSION (Write your own questions)

STUDENT A's QUESTIONS (Do not show these to student B)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

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DISCUSSION (Write your own questions)

STUDENT B's QUESTIONS (Do not show these to student A)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

LANGUAGE - CLOZE

From <https://breakingnewsenglish.com/2312/231207-dolphins-seventh-sense.html>

It is (1) _____ knowledge that we have five senses. Some people believe they have six senses. They say their sixth sense is the ability to know something without (2) _____ the ordinary five senses of sight, hearing, smell, touch and (3) _____. Scientists have just discovered that some dolphins have seven senses. Researchers in Germany say bottlenose dolphins can sense electricity produced (4) _____ their prey. The dolphins can detect the electric pulses produced by the heart beats of other sea creatures. This could help dolphins to find their next (5) _____. Dolphins also use their excellent eyesight and sonar to sense what is around them. This seventh sense may also help them to navigate using Earth's magnetic (6) _____.

The researchers conducted a study (7) _____ two dolphins named Dolly and Donna. Experiments tested what kinds of electricity the dolphins could detect. Dolly and Donna could (8) _____ both kinds of electricity - direct current and alternating current. They were a lot better at picking (9) _____ direct current. All organisms produce direct current electricity in water. The researchers say being able to detect this means dolphins may be able to sense the location of most kinds of fish that are (10) _____ them. The dolphins could use their seventh sense to hunt, even if they cannot see or hear well, or if they cannot use their (11) _____ senses. The study has been published (12) _____ the "Journal of Experimental Biology".

Put the correct words from the table below in the above article.

- | | | | | |
|-----|--------------|----------------|-----------------|-------------|
| 1. | (a) commoner | (b) commons | (c) commonly | (d) common |
| 2. | (a) used | (b) usage | (c) uses | (d) using |
| 3. | (a) tasteful | (b) taste | (c) tasted | (d) tasty |
| 4. | (a) of | (b) at | (c) by | (d) as |
| 5. | (a) meal | (b) bite | (c) eat | (d) feed |
| 6. | (a) field | (b) tape | (c) personality | (d) appeal |
| 7. | (a) to | (b) by | (c) at | (d) on |
| 8. | (a) sense | (b) tense | (c) dense | (d) hence |
| 9. | (a) on | (b) up | (c) in | (d) at |
| 10. | (a) nears | (b) nearly | (c) near | (d) neared |
| 11. | (a) others | (b) the others | (c) other | (d) another |
| 12. | (a) of | (b) in | (c) at | (d) to |

SPELLING

From <https://breakingnewsenglish.com/2312/231207-dolphins-seventh-sense.html>

Paragraph 1

1. common olwekndeg
2. using the iodrrnay five senses
3. detect the electric lupses
4. use their excellent eisgeyht
5. This seventh sense may also help them to invatgae
6. using Earth's mtengaic field

Paragraph 2

7. The researchers dnoutcecd a study
8. both kinds of telrciicety
9. direct rreucnt
10. sense the coloitan of most kinds of fish
11. published in the uojnarl
12. experimental loobgy

PUT THE TEXT BACK TOGETHER

From <https://breakingnewsenglish.com/2312/231207-dolphins-seventh-sense.html>

Number these lines in the correct order.

- () beats of other sea creatures. This could help dolphins to find their next meal. Dolphins also use their excellent eyesight and sonar
- () location of most kinds of fish that are near them. The dolphins could use their seventh sense to
- () cannot use their other senses. The study has been published in the "Journal of Experimental Biology".
- () The researchers conducted a study on two dolphins named Dolly and Donna. Experiments tested what kinds of
- () dolphins have seven senses. Researchers in Germany say bottlenose dolphins can sense electricity produced
- () electricity the dolphins could detect. Dolly and Donna could sense both kinds of electricity - direct current
- () and alternating current. They were a lot better at picking up direct current. All organisms produce direct current electricity
- () to sense what is around them. This seventh sense may also help them to navigate using Earth's magnetic field.
- () in water. The researchers say being able to detect this means dolphins may be able to sense the
- (**1**) It is common knowledge that we have five senses. Some people believe they have
- () of sight, hearing, smell, touch and taste. Scientists have just discovered that some
- () six senses. They say their sixth sense is the ability to know something without using the ordinary five senses
- () hunt, even if they cannot see or hear well, or if they
- () by their prey. The dolphins can detect the electric pulses produced by the heart

PUT THE WORDS IN THE RIGHT ORDER

From <https://breakingnewsenglish.com/2312/231207-dolphins-seventh-sense.html>

1. senses . common that we have five knowledge It's
2. have they believe people Some six senses .
3. electricity Dolphins sense can their produced by prey .
4. dolphins find to their This helps next meal .
5. navigate them to using Earth's Help magnetic field .
6. The researchers on conducted study a two dolphins .
7. lot at picking A better direct up current .
8. Dolphins be to may sense the able location .
9. sense their use could Dolphins to seventh hunt .
10. has study The the in published been journal .

CIRCLE THE CORRECT WORD (20 PAIRS)

From <https://breakingnewsenglish.com/2312/231207-dolphins-seventh-sense.html>

It is *common / commonly* knowledge that we have five senses. Some people believe they *do / have* six senses. They say their sixth sense is the *able / ability* to know something without using *the / an* ordinary five senses of sight, hearing, smell, touch and *taste / tasty*. Scientists have just discovered that some dolphins have seven senses. Researchers in Germany say bottlenose dolphins can sense electricity produced by their *pray / prey*. The dolphins can detect the electric pulses produced *by / at* the heart beats of other sea creatures. This could help dolphins *to / for* find their next meal. Dolphins also use their *excellence / excellent* eyesight and sonar to sense what is around them. This seventh sense may also help them to navigate *using / use* Earth's magnetic field.

The researchers conducted a study on two dolphins *names / named* Dolly and Donna. Experiments tested what kinds *of / to* electricity the dolphins could detect. Dolly and Donna could sense both *kinds / kind* of electricity - direct current and alternating *currant / current*. They were a lot better at picking *up / on* direct current. All organisms produce direct current electricity in water. The researchers say *being / been* able to detect this means dolphins may be able to sense the *locution / location* of most kinds of fish that are *near / nearly* them. The dolphins could use their seventh sense to hunt, even if they cannot see or hear *well / good*, or if they cannot use their other senses. The study has been published *on / in* the "Journal of Experimental Biology".

Talk about the connection between each pair of words in italics, and why the correct word is correct. Look up the definition of new words.

INSERT THE VOWELS (a, e, i, o, u)

From <https://breakingnewsenglish.com/2312/231207-dolphins-seventh-sense.html>

_t _s c_mm_n kn_wl_dg_ th_t w_ h_v_ f_v_ s_ns_s.
S_m_ p__pl_ b_l__v_ th_y h_v_ s_x s_ns_s. Th_y s_y
th__r s_xth s_ns_ _s th_ _b_l_t_y t_ kn_w s_m_th_ng
w_th__t _s_ng th_ _rd_n_ry f_v_ s_ns_s _f s_ght,
h__r_ng, sm_ll, t__ch _nd t_st_. Sc__nt_sts h_v_ j_st
d_sc_v_r_d th_t s_m_ d_lph_ns h_v_ s_v_n s_ns_s.
R_s__rch_rs _n G_rm_ny s_y b_ttl_n_s_ d_lph_ns c_n
s_ns_ _l_ctr_c_ty pr_d_c_d by th__r pr_y. Th_ d_lph_ns
c_n d_t_ct th_ _l_ctr_c p_ls_s pr_d_c_d by th_ h__rt
b__ts _f _th_r s__ cr__t_r_s. Th_s c__ld h_lp d_lph_ns
t_ f_nd th__r n_xt m__l. D_lph_ns _ls_ _s_ th__r
_xc_ll_nt _y_s_ght _nd s_n_r t_ s_ns_ wh_t _s _r__nd
th_m. Th_s s_v_nth s_ns_ m_y _ls_ h_lp th_m t_
n_v_g_t_ _s_ng __rth's m_gn_t_c f__ld.

Th_ r_s__rch_rs c_nd_ct_d _ st_dy _n tw_ d_lph_ns
n_m_d D_lly _nd D_nn_. _xp_r_m_nts t_st_d wh_t
k_nds _f _l_ctr_c_ty th_ d_lph_ns c__ld d_t_ct. D_lly
_nd D_nn_ c__ld s_ns_ b_th k_nds _f _l_ctr_c_ty -
d_r_ct c_rr_nt _nd _lt_rn_t_ng c_rr_nt. Th_y w_r_ _
l_t b_ttr _t p_ck_ng _p d_r_ct c_rr_nt. _ll _rg_n_sms
pr_d_c_ d_r_ct c_rr_nt _l_ctr_c_ty _n w_t_r. Th_
r_s__rch_rs s_y b__ng _bl_ t_ d_t_ct th_s m__ns
d_lph_ns m_y b_ _bl_ t_ s_ns_ th_ l_c_t__n _f m_st
k_nds _f f_sh th_t _r_ n__r th_m. Th_ d_lph_ns c__ld
s th__r s_v_nth s_ns_ t_ h_nt, _v_n _f th_y c_nn_t
s__ _r h__r w_ll, _r _f th_y c_nn_t _s_ th__r _th_r
s_ns_s. Th_ st_dy h_s b__n p_b_l_sh_d _n th_ "J__rn_l
_f _xp_r_m_nt_l B__l_gy".

PUNCTUATE THE TEXT AND ADD CAPITALS

From <https://breakingnewsenglish.com/2312/231207-dolphins-seventh-sense.html>

it is common knowledge that we have five senses some people believe they have six senses they say their sixth sense is the ability to know something without using the ordinary five senses of sight hearing smell touch and taste scientists have just discovered that some dolphins have seven senses researchers in germany say bottlenose dolphins can sense electricity produced by their prey the dolphins can detect the electric pulses produced by the heart beats of other sea creatures this could help dolphins to find their next meal dolphins also use their excellent eyesight and sonar to sense what is around them this seventh sense may also help them to navigate using the earths magnetic field

the researchers conducted a study on two dolphins named dolly and donna experiments tested what kinds of electricity the dolphins could detect dolly and donna could sense both kinds of electricity direct current and alternating current they were a lot better at picking up direct current all organisms produce direct current electricity in water the researchers say being able to detect this means dolphins may be able to sense the location of most kinds of fish that are near them the dolphins could use their seventh sense to hunt even if they cannot see or hear well or if they cannot use their other senses the study has been published in the journal of experimental biology

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2312/231207-dolphins-seventh-sense.html>

It is common knowledge that we have five senses. Some people believe that they have six senses. They say their sixth sense is the ability to know something without using the ordinary five senses of sight, hearing, smell, touch and taste. Scientists have just discovered that some dolphins have seven senses. Researchers in Germany say bottlenose dolphins can sense electricity produced by their prey. The dolphins can detect the electric pulse produced by the heartbeats of other sea creatures. This could help dolphins find their next meal. Dolphins also use their excellent eyesight and sonar to sense what is around them. This seventh sense may also help them to navigate using Earth's magnetic field. The researchers conducted a study on two dolphins named Dolly and Donna. Experiments tested what kinds of electricity the dolphins could detect. Dolly and Donna could sense both kinds of electricity - direct current and alternating current. They were a lot better at picking up direct current. All organisms produce direct current electricity in water. The researchers say being able to detect this means dolphins may be able to sense the location of most kinds of fish that are near them. The dolphins could use their seventh sense to hunt, even if they cannot see or hear well, or if they cannot use their other senses. The study has been published in the "Journal of Experimental Biology".

HOMework

1. VOCABULARY EXTENSION: Choose several of the words from the text. Use a dictionary or Google's search field (or another search engine) to build up more associations / collocations of each word.

2. INTERNET: Search the Internet and find out more about this news story. Share what you discover with your partner(s) in the next lesson.

3. DOLPHINS: Make a poster about dolphins. Show your work to your classmates in the next lesson. Did you all have similar things?

4. OUR FIVE SENSES: Write a magazine article about schools providing lessons to teach us how to use our five senses better. Include imaginary interviews with people who are for and against this.

Read what you wrote to your classmates in the next lesson. Write down any new words and expressions you hear from your partner(s).

5. WHAT HAPPENED NEXT? Write a newspaper article about the next stage in this news story. Read what you wrote to your classmates in the next lesson. Give each other feedback on your articles.

6. LETTER: Write a letter to an expert on dolphins. Ask him/her three questions about them. Give him/her three of your opinions on them. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

ANSWERS

VOCABULARY (p.4)

1. d 2. f 3. b 4. g 5. c 6. e 7. a
8. n 9. k 10. m 11. h 12. i 13. l 14. j

TRUE / FALSE (p.5)

- 1 T 2 F 3 T 4 T 5 F 6 F 7 T 8 F

SYNONYM MATCH (p.5)

1. g	2. c	3. j	4. e	5. h
6. a	7. b	8. i	9. f	10. d

COMPREHENSION QUESTIONS (p.9)

1. We have five senses
2. Bottlenose dolphins
3. Electric pulses
4. Sonar
5. Its magnetic field
6. Donna
7. Direct current
8. Direct current electricity
9. Hunting for food
10. Journal of Experimental Biology

WORDS IN THE RIGHT ORDER (p.19)

1. It's common knowledge that we have five senses.
2. Some people believe they have six senses.
3. Dolphins can sense electricity produced by their prey.
4. This helps dolphins to find their next meal.
5. Help them to navigate using Earth's magnetic field.
6. The researchers conducted a study on two dolphins.
7. A lot better at picking up direct current.
8. Dolphins may be able to sense the location.
9. Dolphins could use their seventh sense to hunt.
10. The study has been published in the journal.

MULTIPLE CHOICE - QUIZ (p.10)

1. b 2. c 3. d 4. b 5. a 6. a 7. d 8. c 9. d 10. b

ALL OTHER EXERCISES

Please check for yourself by looking at the Article on page 2.
(It's good for your English ;-)