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Level 3 - 3rd November, 2022

Bees like playing with balls, study finds

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https://breakingnewsenglish.com/2211/221103-bees-and-balls.html

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

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THE ARTICLE

From https://breakingnewsenglish.com/2211/221103-bees-and-balls.html

Everyone knows that bees are busy. There is even a saying in English that one can be "as busy as a bee". However, little is known about how bees play. Scientists have discovered one way that bees could relax after a busy day making honey - they play with balls. The scientists are from Queen Mary University of London. They did different tests on bees "playing" with different things. The insects particularly liked playing with small, wooden balls. The researchers said the way bees played was a little like how humans play. Younger bees rolled more balls than older bees, while adult males spent longer playing with balls than adult females. The ball-rolling bees are the first known insects to "play".

The researchers experimented on 45 bumblebees in a specially designed test area. The bees were given two options. The first choice was to fly or walk directly to get a sugary treat. The second choice was to get to the treat by going around different coloured wooden balls. Most of the bees decided to play with the balls and then get their treat. A researcher said the experiments showed that bees are more thoughtful than people believed. She said: "Bees are a million miles from the mindless, unfeeling creatures they are traditionally believed to be." She added that: "This research provides a strong indication that insect minds are far more sophisticated than we might imagine."

Sources:

https://www.theguardian.com/science/2022/oct/27/bumblebees-playing-wooden-balls-bees-study https://www.scientificamerican.com/article/ball-rolling-bumble-bees-just-wanna-have-fun/https://www.science.org/content/article/are-these-bumble-bees-playing-toys

WARM-UPS

- **1. BEES:** Students walk around the class and talk to other students about bees. 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?

bees / busy / English / relax / honey / scientists / balls / insects / humans / adults / researchers / test / choice / fly / walk / treat / experiments / a million miles / minds

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

- **3. LESS BUSY:** Students A **strongly** believe everyone should make their lives less busy; Students B **strongly** believe the opposite. Change partners again and talk about your conversations.
- **4. SIMILES:** What do these similes mean? Does the animal match the meaning? Complete this table with your partner(s). Change partners often and share what you wrote.

The Simile	Meaning	The Meaning and the Animal
As busy as a bee		
As strong as an ox		
As proud as a peacock		
A quiet as a mouse		
As sick as a parrot		
As slow as a snail		

- **5. PLAY:** Spend one minute writing down all of the different words you associate with the word "play". Share your words with your partner(s) and talk about them. Together, put the words into different categories.
- **6. BALL GAMES:** Rank these with your partner. Put the best ball games at the top. Change partners often and share your rankings.

Football

Pool

Tennis

Golf

Basketball

Rugby

Basketball

Bowling

VOCABULARY MATCHING

Paragraph 1

- saying
 a. Was the first to find a place, thing, or scientific fact.
- 2. discovered b. A person who is fully grown not a child.
- 3. particularly c. A person.
- 4. human d. Giving special emphasis to a point.
- 5. adult e. A short and well known phrase or expression.
- 6. male f. A person who is a woman.
- 7. female g. A person who is a man.

Paragraph 2

- 8. experimented h. A sign of something.
- 9. option i. Did something in a laboratory to find something out.
- 10. treat j. An animal (but not a human).
- 11. mindless k. Developed to a high degree.
- 12. creature | A sweet, biscuit, or other item of sweet food.
- 13. indication m. Not thinking of or concerned about.
- 14. sophisticated n. A thing that is or may be chosen.

BEFORE READING / LISTENING

From https://breakingnewsenglish.com/2211/221103-bees-and-balls.html

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

- 1. The article says an English saying says one can be as busy as a bee. **T/F**
- 2. Scientists know a lot about how bees play. T/F
- 3. All bees play with balls after they finish making honey. **T/F**
- 4. Older bees played with balls more than younger bees did. T/F
- 5. Researchers conducted tests using 45 bumblebees. T / F
- 6. Most bees in the tests played with balls before going to a sugary treat. T / F
- 7. A researcher said bees believed people are very thoughtful. **T / F**
- 8. A researcher said insects might be more sophisticated than we thought. T / F

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

- 1. saying
- 2. little
- 3. particularly
- 4. humans
- 5. adult
- 6. options
- 7. directly
- 8. mindless
- 9. indication
- 10. sophisticated

- a. mature
- b. people
- c. stupid
- d. especially
- e. choices
- f. expression
- g. advanced
- h. straight
- i. not much
- j. sign

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

- 1. one can be as busy
- 2. little is known about how
- 3. relax after a busy
- 4. They did different
- 5. adult males spent longer
- 6. fly or walk directly to get
- 7. Most of the bees decided to play
- 8. bees are more thoughtful than
- 9. a million
- 10. insect minds are far more

- a. a sugary treat
- b. tests on bees
- c. miles
- d. day making honey
- e. sophisticated
- f. bees play
- g. people believed
- h. playing with balls
- i. with the balls
- i. as a bee

GAP FILL

From https://breakingnewsenglish.com/2211/221103-bees-and-balls.html

Everyone knows that bees are (1) There is	saying
even a (2) in English that one can be "as busy	different
as a bee". However, little is known about how bees play. Scientists	humans
have discovered one way that bees could (3)	known
after a busy day making honey - they play with balls. The	
scientists are from Queen Mary University of London. They did	females
(4) tests on bees "playing" with different	relax
things. The insects (5) liked playing with small,	busy
wooden balls. The researchers said the way bees played was a	particularly
little like how (6) play. Younger bees rolled	particulari
more balls than older bees, while adult males spent longer playing	
with balls than adult (7) The ball-rolling bees	
are the first (8) insects to "play".	
The researchers experimented on 45 bumblebees in a specially	decided
designed test (9) The bees were given two	
(10) The first choice was to fly or walk directly	options
to get a (11) treat. The second choice was to	million
get to the treat by going around different coloured wooden balls.	sugary
Most of the bees (12) to play with the balls and	imagine
then get their treat. A researcher said the experiments showed	thoughtful
that bees are more (13) than people believed.	
	believed
She said: "Bees are a (14) miles from the	area
mindless, unfeeling creatures they are traditionally	
to be." She added that: "This research	
provides a strong indication that insect minds are far more	
sophisticated than we might (16) ."	

LISTENING — Guess the answers. Listen to check.

From https://breakingnewsenglish.com/2211/221103-bees-and-balls.html

1)	There is even a saying in English that one can be "as busy" a. has a bee b. as a bee c. was a bee d. that's a bee
2)	have discovered one way that bees could relax after a busy a. day making money b. day making honey c. day make king honey d. day may kin money
3)	The researchers said the way bees played was a little like a. how humans play b. how humane play c. how humanise play d. how few man's play
4)	more balls than older bees, while adult males spent longer playing with balls a. than adult he-mails b. than adult females c. than adult few males d. than adult fee mails
5)	The ball-rolling bees are the first known a. inn sects to "play" b. in sects to "play" c. incest to "play" d. insects to "play"
6)	The researchers experimented on 45 bumblebees in a specially a. designed test arena b. designed test aura c. designed test aurora d. designed test area
7)	The first choice was to fly or walk directly to get a. a sugary threat b. a sugary teat c. a sugary trait d. a sugary treat
8)	The second choice was to get to the treat by going around different a. coloured woody balls b. coloured woo den balls c. coloured wood den balls d. coloured wooden balls
9)	 a million miles from the mindless, unfeeling creatures they are traditionally a. believed to been b. believed to be c. believed Toby d. believed tube
10	a strong indication that insect minds are far more sophisticated thana. we might imagine
	b. we might imaginesc. we might imaginedd. we might imaginary

LISTENING – Listen and fill in the gaps

Everyone knows that (1)	There	is even a	a saying ir
English that one can be "as busy	as a	bee".	However
(2) about how bees play	y. Scient	ists have	discoverec
one way that bees (3)	a busy	day makir	ng honey -
they play with balls. The scientists are from	Queen	Mary Un	iversity of
London. They (4) on b	pees "pla	aying" wit	h different
things. The insects particularly liked playing wi	th small	, wooden	balls. The
researchers said the way bees played was a l	ittle like	how hur	nans play
Younger bees rolled more balls than older bees,	(5)		
spent longer playing with balls than adult femal	les. The	ball-rollin	g bees are
the (6) to "play".			
The researchers experimented on 4	l5 bu	mblebees	in a
(7) area. The bees were	e given t	wo option	s. The first
choice was to fly or walk directly to get (8)			The
second choice was to get to the treat by goin	ıg aroun	d differen	it coloured
wooden balls. Most of the bees (9)		with	n the balls
and then get their treat. A researcher said th	e exper	iments sh	lowed that
bees are more thoughtful (10)		She said:	"Bees are
(11) from the mindless,	unfeelin	g creature	es they are
traditionally believed to be." She added that:	"This r	research	provides a
strong indication that insect minds are far	r more	sophistic	ated thar
(12)			

COMPREHENSION QUESTIONS

1.	Who does the article say knows that bees are busy?
2.	What do bees do that they need to relax?
3.	What London university are the researchers from?
4.	What kind of balls did the bees like playing with?
5.	Who spent longer playing with balls than female bees?
6.	How many bees were in the experiments?
7.	How many choices did the bees have?
8.	What kind of treat could the bees get?
9.	How far did a researcher say bees are from being mindless creatures?
10.	What are insect minds more than we might imagine?

MULTIPLE CHOICE - QUIZ

- 1) Who does the article say knows that bees are busy?
- a) beekeepers
- b) everyone
- c) honey shop owners
- d) children
- 2) What do bees do that they need to relax?
- a) buzz
- b) play with balls
- c) fly all day
- d) make honey
- 3) What London university are the researchers from?
- a) Queen Mary University
- b) London School of Economics
- c) the London Bee University
- d) City University
- 4) What kind of balls did the bees like playing with?
- a) bouncing balls
- b) rubber balls
- c) small, colourful wooden balls
- d) soccer balls
- 5) Who spent longer playing with balls than female bees?
- a) female wasps
- b) male bees
- c) female hornets
- d) male wasps

- 6) How many bees were in the experiments?
- a) 45
- b) 46
- c) 44
- d) 47
- 7) How many choices did the bees have?
- a) one
- b) three
- c) two
- d) four
- 8) What kind of treat could the bees get?
- a) a sugary treat
- b) a special treat
- c) a flowery treat
- d) an expensive treat
- 9) How far did a researcher say bees are from being mindless creatures?
- a) a million miles
- b) a long way
- c) unbelievably far
- d) as far as far can be
- 10) What are insect minds more than we might imagine?
- a) mindless
- b) busy
- c) huge
- d) sophisticated

ROLE PLAY

From https://breakingnewsenglish.com/2211/221103-bees-and-balls.html

Role A - Football

You think football is the best ball game. Tell the others three reasons why. Tell them what is wrong with their games. Also, tell the others which is the least interesting of these (and why): golf, pool or bowling.

Role B - Golf

You think golf is the best ball game. Tell the others three reasons why. Tell them what is wrong with their games. Also, tell the others which is the least interesting of these (and why): football, pool or bowling.

Role C - Pool

You think pool is the best ball game. Tell the others three reasons why. Tell them what is wrong with their games. Also, tell the others which is the least interesting of these (and why): golf, football or bowling.

Role D – Bowling

You think bowling is the best ball game. Tell the others three reasons why. Tell them what is wrong with their games. Also, tell the others which is the least interesting of these (and why): golf, pool or football.

AFTER READING / LISTENING

From https://breakingnewsenglish.com/2211/221103-bees-and-balls.html

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

bee	ball

- 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:

everyone	• 45
 discovered 	• two
 particularly 	• second
humans	 coloured
 younger 	million
• females	• far

BEES SURVEY

From https://breakingnewsenglish.com/2211/221103-bees-and-balls.html

Write five GOOD questions about bees 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.

BEES 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 'bee'?
- 3. What do you know about bees?
- 4. How busy are you at the moment?
- 5. How do you think bees might play?
- 6. Do you think other insects play?
- 7. What do you think of honey?
- 8. What ball games do you like to play?
- 9. What are the benefits of bees?
- 10. How do you relax after a busy day?

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BEES 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 'ball'?
- 13. What do you think about what you read?
- 14. When are you as busy as a bee?
- 15. How do bees make honey?
- 16. What kinds of treats do you like?
- 17. Would you rather fly or walk?
- 18. What might bees think about?
- 19. Do you like being busy?
- 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)

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ISCU	SSION (Write	your ow	n questi	
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LANGUAGE - CLOZE

From https://breakingnewsenglish.com/2211/221103-bees-and-balls.html

can	be "a	knows that be as busy as a have discovere	bee".	However, lit	tle is	(2) ab	out ho	w bees play
Lond (4) _ playe olde	lon. T li ed wa r bees	they play with they did differer ked playing with s a little (5) adultolling bees are to	nt test th sma how t male	s on bees "pla all, wooden ba w humans pla es spent longe	aying" alls. Tl ay. You er play	with differer ne researche unger bees ro ing with balls	nt thing rs said olled m	s. The insects the way bees ore balls than
The (8) _ arou balls bees from She (12) _	nd di and are the i	rchers experim were given to get a sugary tr fferent coloured then get (9) more (10) mindless, unfeet d that: "This re more sophistica	wo opereat. To wood than eling content than the search than the search than the search ted the search was earch than the search was earch than the search was earch was earch than the search was earch was ea	tions. The find the second of	rst chenoice wast of the sed. She are trong imagin	oice was to was to was to get to he bees decirated the expense said: "Bee raditionally be indication to he."	fly or the to ded to riments are a elieved hat ins	walk directly reat by going play with the showed that million miles to (11)
1.	(a)	said	(b)	saying	(c)	says	(d)	say
2.	(a)	knows	(b)	known	(c)	know	(d)	knowing
3.	(a)	buzzing	(b)	busying	(c)	spreading	(d)	making
4.	(a)	particulars	(b)	particularly	(c)	particular	(d)	particle
5.	(a)	likelihood	(b)	likely	(c)	like	(d)	liked
6.	(a)	whomsoever	(b)	whatsoever	(c)	while	(d)	when
7.	(a)	specially	(b)	special	(c)	specials	(d)	species
8.	(a)	for	(b)	as	(c)	to	(d)	at
9.	(a)	his	(b)	those	(c)	them	(d)	their
10.	(a)	thoughtful	(b)	thought	(c)	thoughts	(d)	thinker
11.	(a)	be	(b)	been	(c)	being	(d)	is
12.	(a)	far	(b)	fair	(c)	for	(d)	fir

SPELLING

From https://breakingnewsenglish.com/2211/221103-bees-and-balls.html

Paragraph 1

- 1. There is even a syngia in English
- 2. coridesedv one way
- 3. relax after a busy day making yoneh
- 4. The tenssticsi are from Queen Mary University
- 5. The insects aacrrilpytlu liked playing
- 6. adult fseamel

Paragraph 2

- 7. a specially <u>iegeddns</u> test area
- 8. fly or walk directly to get a <u>sruagy</u> treat
- 9. a liomlin miles
- 10. mindless, unfeeling ectaeurrs
- 11. This research provides a strong <u>nodinaitci</u>
- 12. insect minds are far more <u>eosiipdhtastc</u>

PUT THE TEXT BACK TOGETHER

From https://breakingnewsenglish.com/2211/221103-bees-and-balls.html

Number these lines in the correct order.

()	way that bees could relax after a busy day making honey - they play with balls. The scientists are from
()	with the balls and then get their treat. A researcher said the experiments showed that bees are more thoughtful than people
(1)	Everyone knows that bees are busy. There is even a saying in English that one can be "as busy
()	males spent longer playing with balls than adult females. The ball-rolling bees are the first known insects to "play".
()	Queen Mary University of London. They did different tests on bees "playing" with different
()	believed. She said: "Bees are a million miles from the mindless, unfeeling creatures they
()	as a bee". However, little is known about how bees play. Scientists have discovered one
()	played was a little like how humans play. Younger bees rolled more balls than older bees, while adult
()	choice was to get to the treat by going around different coloured wooden balls. Most of the bees decided to play
()	indication that insect minds are far more sophisticated than we might imagine."
()	things. The insects particularly liked playing with small, wooden balls. The researchers said the way bees
()	options. The first choice was to fly or walk directly to get a sugary treat. The second
()	are traditionally believed to be." She added that: "This research provides a strong
()	The researchers experimented on 45 bumblebees in a specially designed test area. The bees were given two

PUT THE WORDS IN THE RIGHT ORDER

- 1. bee . a be can One as busy as
- 2. bees play . is little about However, how known
- 3. after day a busy relax Bees honey . making
- 4. bees rolled more than older bees . balls Younger
- 5. are Bees the to first insects known play .
- 6. directly a to or Fly treat . get walk
- 7. play decided balls . to the with bees The
- 8. are showed experiments more The bees thoughtful . that
- 9. be . creatures they are believed The to traditionally
- 10. we might sophisticated than Far imagine . more

CIRCLE THE CORRECT WORD (20 PAIRS)

From https://breakingnewsenglish.com/2211/221103-bees-and-balls.html

Everyone knows that bees are busy. There is even a <code>say / saying</code> in English that one can be "as busy as a bee". However, little is <code>knowing / known</code> about how bees play. Scientists have discovered one <code>way / wait</code> that bees could relax after a busy day <code>making / doing</code> honey - they play with balls. The scientists are from Queen Mary University of London. They did different tests <code>on / in</code> bees "playing" with different things. The insects <code>particular / particularly</code> liked playing with small, wooden balls. The researchers said the way bees played was a little <code>likely / like</code> how humans play. Younger bees rolled <code>more / much</code> balls than older bees, while adult males spent <code>long / longer</code> playing with balls than adult females. The ball-rolling bees are the <code>first / fast known insects to "play"</code>.

The researchers experimented on 45 bumblebees in a *special / specially* designed test area. The bees were given two *option / options*. The first choice was to fly or walk *direct / directly* to get a sugary *treat / threat*. The second choice was to get to the treat by *going / go* around different coloured wooden balls. Most of the bees *decided / decision* to play with the balls and then get their treat. A researcher said the experiments showed that bees are more *thoughtful / thinker* than people *believed / belief*. She said: "Bees are a million miles from the mindless, unfeeling creatures they are traditionally believed to be." She added that: "This research provides a strong *indicate / indication* that insect minds are *far / for* more sophisticated than we might imagine."

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/2211/221103-bees-and-balls.html

_v_ry_n_ kn_ws th_t b__s _r_ b_sy. Th_r_ _s _v_n _ s_y_ng _n _ngl_sh th_t _n_ c_n b_ "_s b_sy _s _ b__". H_w_v_r, l_ttl_ _s kn_wn _b__t h_w b__s pl_y. Sc__nt_sts h_v_ d_sc_v_r_d _n_ w_y th_t b__s c__ld r_l_x _ft_r _ b_sy d_y m_k_ng h_n_y - th_y pl_y w_th b_lls. Th_ sc__nt_sts _r_ fr_m Q___n M_ry _n_v_rs_ty _f L_nd_n. Th_y d_d d_ff_r_nt t_sts _n b_s "pl_y_ng" w_th d_ff_r_nt th_ngs. Th_ _ns_cts p_rt_c_l_rly l_k_d pl_y_ng w_th sm_ll, w__d_n b_lls. Th_ r_s__rch_rs s__d th_ w_y b__s pl_y_d w_s _ I_ttl_ l_k_ h_w h_m_ns pl_y. Y__ng_r b__s r_ll_d m_r_ b_lls th_n _ld_r b__s, wh_l_ _d_lt m_l_s sp_nt l_ng_r pl_y_ng w_th b_lls th_n _d_lt f_m_l_s. Th_ b_ll-r_ll_ng b_s _r_ th_ f_rst kn_wn _ns_cts t_ "pl_y". The restriction of the restricti sp_c__lly d_s_gn_d t_st _r__. Th_ b__s w_r_ g_v_n tw_ _pt__ns. Th_ f_rst ch__c_ w_s t_ fly _r w_lk d_r_ctly t_ g_t _ s_g_ry tr__t. Th_ s_c_nd ch__c_ w_s t_ g_t t_ th_ tr__t by g__ng _r__nd d_ff_r_nt c_l__r_d w__d_n b_lls. M_st _f th_ b__s d_c_d_d t_ pl_y w_th th_ b_lls _nd th_n g_t th__r tr__t. _ r_s__rch_r s__d th_ _xp_r_m_nts sh_w_d th_t b__s _r_ m_r_ th__ghtf_l th_n p__pl_ b_l__v_d. Sh_ s__d: "B__s _r_ _ m_ll__n m_l_s fr_m th_ m_ndl_ss, _nf__l_ng $cr__t_r_s \quad th_y \quad _r_ \quad tr_d_t__n_lly \quad b_l__v_d \quad t_ \quad b_." \quad Sh_$ _dd_d th_t: "Th_s r_s__rch pr_v_d_s _ str_ng _nd_c_t__n th_t _ns_ct m_nds _r_ f_r m_r_ s_ph_st_c_t_d th_n w_ m_ght _m_g_n_."

PUNCTUATE THE TEXT AND ADD CAPITALS

From https://breakingnewsenglish.com/2211/221103-bees-and-balls.html

everyone knows that bees are busy there is even a saying in english that

one can be as busy as a bee however little is known about how bees play

scientists have discovered one way that bees could relax after a busy day

making honey they play with balls the scientists are from gueen mary

university of london they did different tests on bees playing with different

things the insects particularly liked playing with small wooden balls the

researchers said the way bees played was a little like how humans play

younger bees rolled more balls than older bees while adult males spent

longer playing with balls than adult females the ballrolling bees are the first

known insects to play

the researchers experimented on 45 bumblebees in a specially designed test

area the bees were given two options the first choice was to fly or walk

directly to get a sugary treat the second choice was to get to the treat by

going around different coloured wooden balls most of the bees decided to

play with the balls and then get their treat a researcher said the experiments

showed that bees are more thoughtful than people believed she said bees

are a million miles from the mindless unfeeling creatures they are

traditionally believed to be she added that this research provides a strong

indication that insect minds are far more sophisticated than we might

imagine

Level 3 Bees like playing with balls, study finds – *3rd November, 2022*More free lessons at breakingnewsenglish.com - Copyright Sean Banville 2022

PUT A SLASH (/) WHERE THE SPACES ARE

From https://breakingnewsenglish.com/2211/221103-bees-and-balls.html

Everyoneknowsthatbeesarebusy. There is even as a yingin English that onecanbe "asbusy as abee". However, little is known about how bees pla y.Scientistshavediscoveredonewaythatbeescouldrelaxafterabusyd aymakinghoney-theyplaywithballs. Thescientists are from Queen M aryUniversityofLondon.Theydiddifferenttestsonbees"playing"withdi fferentthings. Theinsects particularly liked playing with small, wooden b alls. The researchers said the way be esplayed was a little like how human splay. Youngerbees rolled more balls than older bees, while adult maless pentlongerplayingwithballsthanadultfemales. The ball-rolling bees ar ethefirstknowninsectsto"play". Theresearchersexperimented on 45b umblebeesinaspeciallydesignedtestarea. The beeswere given two opti ons.Thefirstchoicewastoflyorwalkdirectlytogetasugarytreat.Thesec ondchoicewastogettothetreatbygoingarounddifferentcolouredwood enballs. Most of the bees decided to play with the balls and then get their tr eat. Are searchers aid the experiments showed that bees are more though htfulthanpeoplebelieved. Shesaid: "Beesareamillionmiles from themi ndless, unfeelingcreatures they are traditionally believed to be. "Shead dedthat: "This research provides a strong indication that in sect minds ar efarmoresophisticatedthanwemightimagine."

FREE WRITING

From https://breakingnewsenglish.com/2211/221103-bees-and-balls.html

Write about bees for 10 minutes. Comment on your partner's paper.		

ACADEMIC WRITING

From https://breakingnewsenglish.com/2211/221103-bees-and-balls.html

People are too busy and need to relax more.	Discuss.	

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. BEES:** Make a poster about bees. Show your work to your classmates in the next lesson. Did you all have similar things?
- **4. BEING BUSY:** Write a magazine article about all of us changing our lives so we are less busy. 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 bees. Ask him/her three questions about them. Give him/her three of your opinions on bees. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

ANSWERS

VOCABULARY (p.4)

1. 2. 3. d 4. С 5. 6. 7. 8. i 9. 10. 1 12. 13. 11. m h 14. k

TRUE / FALSE (p.5)

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

SYNONYM MATCH (p.5)

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

COMPREHENSION QUESTIONS (p.9)

WORDS IN THE RIGHT ORDER (p.19)

1.	Everyone	1.	One can be as busy as a bee.
2.	Make honey	2.	However, little is known about how bees play.
3.	Queen Mary University	3.	Bees relax after a busy day making honey.
4.	Small, colourful wooden balls	4.	Younger bees rolled more balls than older bees.
5.	Male bees	5.	Bees are the first known insects to play.
6.	45	6.	Fly or walk directly to get a treat.
7.	Two	7.	The bees decided to play with the balls.
8.	A sugary treat	8.	The experiments showed that bees are more thoughtful.
9.	A million miles	9.	The creatures they are traditionally believed to be.
10.	Sophisticated	10.	Far more sophisticated than we might imagine.

MULTIPLE CHOICE - QUIZ (p.10)

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

ALL OTHER EXERCISES

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