

# The Book of Brilliant BUGS

## ACTIVITY PACK

# TAKE THE BRILLIANT BUGS QUIZ!

1 How many legs do arachnids have?

- 6  8  12

2 Bugs are invertebrates – animals that don't have a backbone. Of all the animals on planet Earth, how many of them are invertebrates?

- 21%  65%  97%

3 Reaching around 72 kph (45 mph), dragonflies are the fastest flying insects.

- True  False

4 A bee colony's home is called:

- A nest  
 A hive  
 A warren

5 Grasshoppers have ears on their legs.

- True  False

6 Leeches are bloodsucking segmented worms that feed on other animals and have been used in human medicine.

- True  False

7 Members of the myriapod family, like millipedes and centipedes, can have up to 750 legs.

- True  False

8 How many years ago did humans first collect honey from bees?

- 100  2,000  10,000

9 Spider silk is often used to make clothes.

- True  False

10 How many types of insects are there?

- More than 1,000  
 More than 1 million  
 More than 1 billion

ANSWERS: 1) 8, 2) 97%, 3) True, 4) Hive, 5) True, 6) True, 7) True, 8) 10,000, 9) False, silk from mulberry silkworms are more often used to make cloth, 10) More than 1 million



# WORDSEARCH

Can you find all of these creatures in the wordsearch?

- Scorpion
- Arachnid
- Dragonfly
- Cockroach
- Butterfly
- Invertebrate
- Centipede
- Gastropod
- Woodlouse
- Mollusc

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



# WHAT IS YOUR FAVOURITE BUG?

Butterflies, beetles, crickets, worms, snails, bees, spiders and scorpions... there are so many types of bugs (more than a million!) but which is your favourite?

**Draw a picture here and describe why you like this bug.**

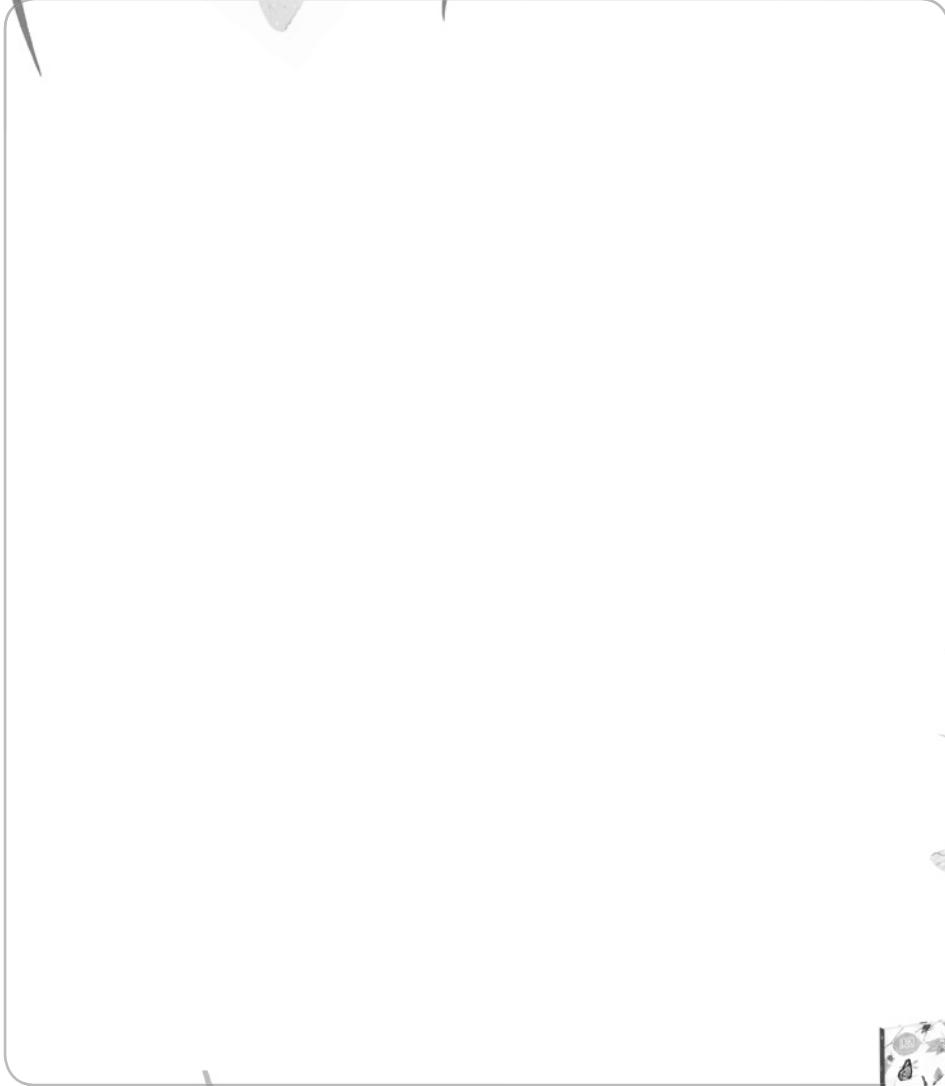
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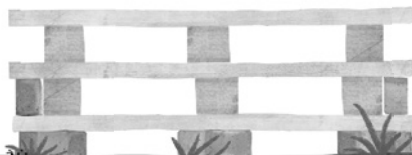
# BUILD A BUG HOTEL

**Make space outside for your very own bug hotel** – it's a great way to help bugs and recycle garden waste.



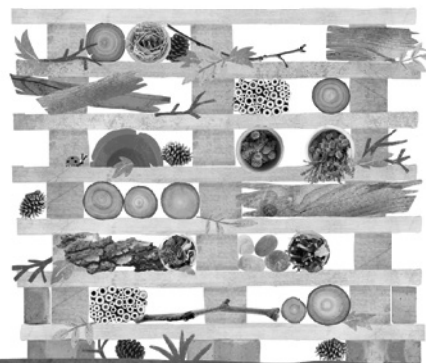
## COLLECT

**Gather materials** for your bug hotel. Almost anything can serve as a home for bugs, but natural materials are best. Look for rotting branches, bark, twigs, pinecones, dry leaves, bamboo canes, logs, hay, and straw.



## BUILD

**Look outside for the perfect place** to build your hotel on flat ground. Ask an adult to help you lift heavy materials. Space bricks evenly on the ground, then stack some old wooden pallets on top – build carefully, you don't want your hotel to fall over!



## FILL

**Get creative and fill the gaps** between your pallets. Start by adding larger materials like pots and branches, then gradually fill smaller spaces with things like pinecones and hollow plant stems. You can use straw and cut grass to fill very tiny gaps.



## DECORATE

**Add the finishing touches** to your hotel. Make a sign and plant nectar-rich flowers like daisies nearby – they're the perfect treat for bees and other pollinating guests. Then sit back and watch your tiny friends move in.

