

## DON'T LET THE BEDBUGS BITE!

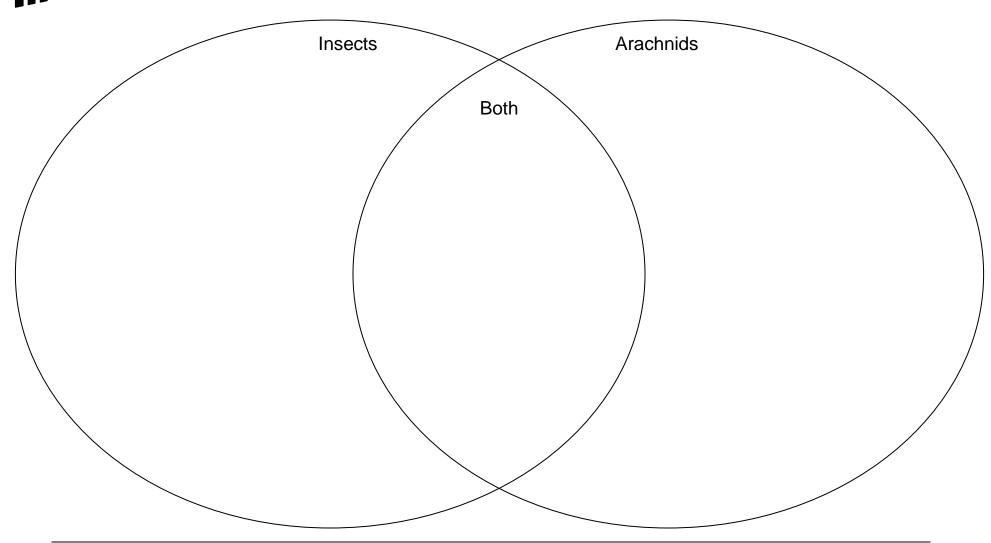


## **Student Booklet**

Name:	Date:
Group:	

# Introductory Task

## **Bugs Venn Diagram**

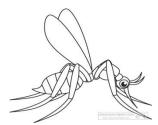


## Task 1

#### **Insect or Arachnid?**

Now that you've seen the difference between insects and arachnids, can you classify these **bugs**? Circle the correct answer and give one reason for each bug.

1. Is a **mosquito** an insect or an arachnid?



Reason:

2. Is a **SPIDER** an insect or an arachnid?



Reason:

3. Is a **TICK** an insect or an arachnid?



Reason:

4. Is a **BEE** an insect or an arachnid?



Reason: \_\_\_\_\_

5. Is a **PRAYING MANTIS** an insect or an arachnid?



Reason:

6.	ls an <b>ANT</b> an i	nsect or an arachnid?
	DAGE OF	Reason:
7.	ls a <b>scorpion</b>	an insect or an arachnid?
		Reason:
8.	ls a <b>Lous</b> e an	insect or an arachnid?
		Reason:
9.	ls a <b>GRASSHO</b> I	PPER an insect or an arachnid?
		Reason:
10.	ls a <b>BEDBUG</b> a	n insect or an arachnid?
		Reason:
		s to find the words:
BDI	E M N O:	
G N S	S W:	
		R X:
AAEI	N N N 1: D H I N R S <sup>.</sup>	

#### Dear Student,

My name is Betty Bugsy and I am an entomologist (bug expert). People write to me for information on bugs. They want to know what they are, where they come from, how they travel, if they are dangerous or how to avoid them.

I receive many letters about bugs every day. I cannot answer them all. I need your help. Can you become a bedbug expert and answer a letter about bedbugs for me?

Thank you, Betty Bugsy

#### **BETTY BUGSY NEEDS YOUR HELP!**

Read your half of the information poster;

Talk to your partner to find all the information;

Write down the new words you learn;

Answer the questions;

Organise the information;

Help her by answering a letter about bedbugs.

Good luck!



#### **Word Bank**

baseboard: a band of wood at the bottom of a wall

bite: (verb) to cut the skin with teeth to feed; (noun) a cut

made with teeth to feed

curtains: material to cover windows

feed: to eat

furniture: sofas, chairs, etc.

headboard: a board that forms the head of a bed

hide: to go somewhere secret

hole: an empty space

itchy: irritates the skin and causes scratching

mattress: a thick cushion on a bed

painless: no pain

scratch: to rub the skin with fingers to stop the itching

**shed**: to let fall off

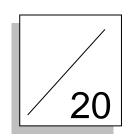
stains: marks, spots

suitcase: luggage, baggage

tidy: in order



### Good Night, Sleep Tight... Don't Let the Bedbugs Bite!



Answer the questions using complete sentences and write on which page you found the information.

1.	How big are bedbugs?
2.	How do bedbugs find humans?
3.	How do bedbugs enter your home? Give three examples:
	•
4.	How long can bedbugs live without eating?
5.	What do bedbugs feed on?
6.	Why are they called bedbugs?
7.	How do bedbugs travel?

8. Name three places where bedbugs lil	ke to bite:
O Name three ways you can protect you	ur home ofter a stay
<ul><li>9. Name three ways you can protect you in a hotel:</li><li>•</li></ul>	ui nome aller a slay
•	
10. Where should you look for bedbug Give five examples:                   BONUS: Are bedbugs arachnids or inse	
reasons as you can.	
How many s can yo count on the information poster?	

Task 4

## Bedbugs Graphic Organizer

Where	How
do they come from?	do they find us?
can they be found?	do they eat?
are they hiding in my house?	do I know if I have some?
do they bite?	big are they?
	do they travel?
other information:	long can they survive without eating?
	do I avoid them when traveling?
Why	
·	
When do I have them?	What
When do I have them?	What are they?
when	
do they eat?	
do they eat?  do I need medical attention?	are they?
do they eat?  do I need medical attention?  other information:	are they?  do they look like?
do they eat?  do I need medical attention?  other information:	do they look like?do they eat?
do they eat?  do I need medical attention?  other information:	do they look like? do they eat? do I do after staying at a hotel?
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Task 7
Here's your letter: read it carefully!

## Dear Betty Bugsy,

Every morning, I wake up with red bites on my arms and legs. They are itchy. My mother says they are bedbug bites.

What are bedbugs? Why are they biting me? Where are they hiding? I don't see them! Are bedbugs dangerous? Should I go see the doctor?

Help me, please! Charlie Smith

You have read a lot of information on bedbugs. You reflected on if they are insects or arachnids. You talked about where they come from and how to prevent them. Now, it is time to use what you have learned to answer Charlie Smith's letter.

#### Instructions:

Write a letter that answers Charlie Smith's questions. Use the information, ideas and language in the texts you have read and combine them in a way that makes sense in your letter.

#### Text requirements:

- Start with an <u>introduction</u> that explains who you are and why you are answering the letter.
- In the body of the letter, answer all of the questions, using information from the Venn diagram, information poster, graphic organiser and anything else in your student booklet.
- Finish with a conclusion that gives advice about bedbugs and one extra piece of information about bugs in general.

Use the example letter and the checklist to help you write your answer to Charlie.

I have included an example of a letter I received and responded to about lice. Use it to help you write your letter about bedbugs!

#### Dear Betty Bugsy,

I think I have head lice. Other kids at my school have head lice. What are lice, exactly? Are they dangerous? How does a person get head lice? What do I do if I have head lice?

Help me! Larry Jones

#### Dear Larry,

Lice are very small insects that are not dangerous. They are not fun to have. Many students get lice at school around photo time. Students share hair combs and brushes. This permits the lice to travel from one head to another.

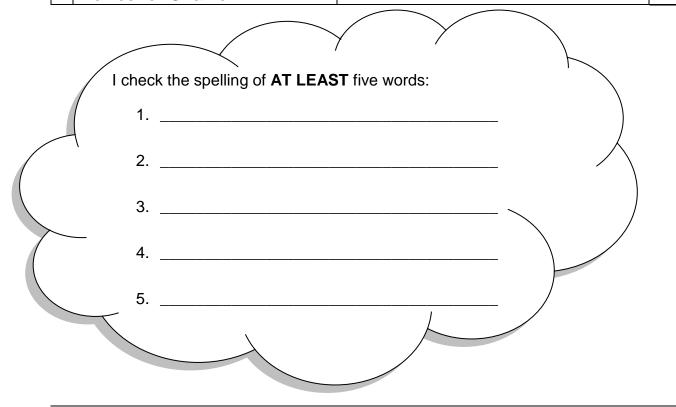
Ask your parents to check your hair for lice eggs. These are called "nits." Nits stick to individual hairs near your head. Your parents should also check for lice in your hair. Lice often hide at the top of the neck or behind the ears.

Lice nits can be removed using a special comb. You also need to use a special shampoo to get rid of your head lice. Your parents should see a pharmacist for more information.

Good luck, Betty Bugsy

#### Letter checklist ✓

My letter includes:	I use my resources (agenda, student booklet, dictionary, etc) to check:	
Introduction:	Spelling	
My name	Example: They are smoll insects.	
Why I am answering	small	
Body:	Verb tense	
Answer all of Charlie's questions	Example: They <del>bites</del> you.	
<ul><li>What are they?</li></ul>	bite	
<ul><li>Where are they?</li><li>Why am I itchy?</li></ul>	Punctuation	
<ul><li>Are they dangerous?</li></ul>	Example: my name is natasha	
<ul> <li>Should I see a doctor?</li> </ul>	<i>M</i> y name is <i>N</i> atasha.	
Conclusion:		
One extra piece of information Advice for Charlie		



Rough draft

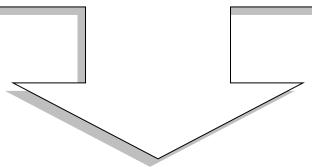
## My Letter to Charlie:


Integration

Now that you have finished this learning and evaluation situation, take a few minutes to reflect...

### **Instructions:**

Answer the questions individually, and then share with your team.



- 1. With the information that you learned about bedbugs, would you change anything in house? Explain.
- 2. What recommendations (about bedbugs) would you give to someone who travels a lot?

\_\_\_\_

3. What advice would you give to someone who thinks they have bedbugs?

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# Got some time?

## **Bedbugs**

Τ R U Η S  $\bigvee$ Ν Ι Α Ρ Α T, 0 F R E M E Χ N ZB 0  $\bigvee$ Ν R Α I K Α Η FΤ S Y Y J G J  $\mathbf{L}$ K Ι Χ G U M J D  $\bigcirc$  $\mathbf{L}$  $\mathbf{E}$ F  $\mathbf{E}$  $\bigcirc$ L 0 Η В D U Ν J Ν D U R Ι В  $\mathbf{E}$ В Ε Υ Ν R Α Т Υ ()D D Ι  $\bigcirc$ S Ι E X Α Α Α Α В Α Ν Η Α R Τ S S R R В Р K Α I Z D  $\mathbf{E}$ Τ Α Τ Ν  $\mathbf{E}$  $\mathbf{E}$ V  $\Box$  $\bigcirc$  $\mathbf{E}$ М Η D T S S Τ Α В R Y C N Τ IJ Η  $\mathbf{F}$ Η А  $\mathbf{L}$ Τ E Р Η 0 R Α Χ Τ S G Ν D  $\mathbf{E}$ J D D F Α Ν  $\mathbf{E}$ 0 D F R Ε R V Υ R Ν Ι Α Ι F Ν S S Ι I C IJ Α  $\mathbf{E}$ Η Μ D Μ D  $\bigcirc$ S K Μ R D Ν M

ANTENNA

ARACHNID

BASEBOARD

BEDBUG

BITE

CEPHALOTHORAX

CURTAINS

FEED

FURNITURE

**HEADBOARD** 

HIDE

HOLE

INSECT

ITCHY

**MATTRESS** 

PAINLESS

SCRATCH

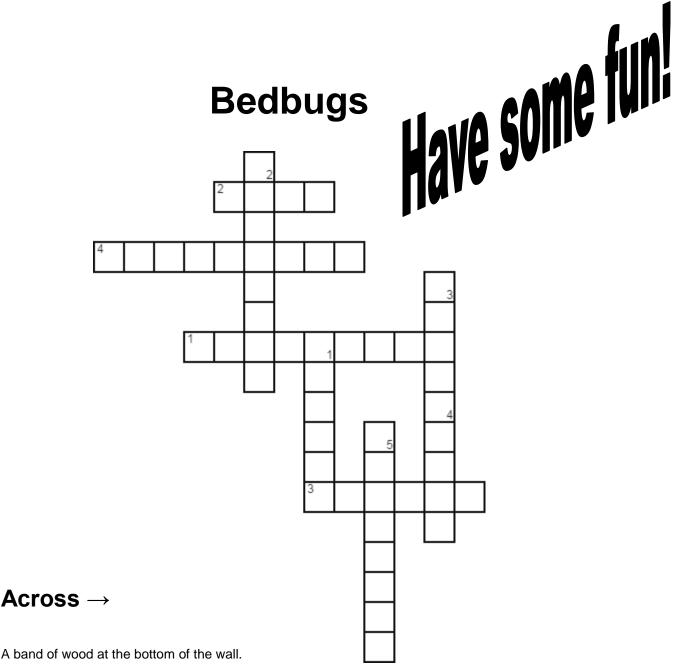
SHED

STAINS

SUITCASE

TIDY

WINGS



- 1. A band of wood at the bottom of the wall.
- Bedbugs can \_\_\_\_\_ from one room to another.
- 3. An isolated area where you can place your suitcase after a vacation.
- 4. Sofas, chairs, beds, etc.

#### **Down** ↓

- 1. Small brown insect that is often found in beds and feeds on human blood.
- 2. Where should you check for signs of bedbugs in hotels?
- 3. In order, clean, how you should keep your room.
- 4. Insects can have these, but not arachnids.
- 5. Material to cover windows.

