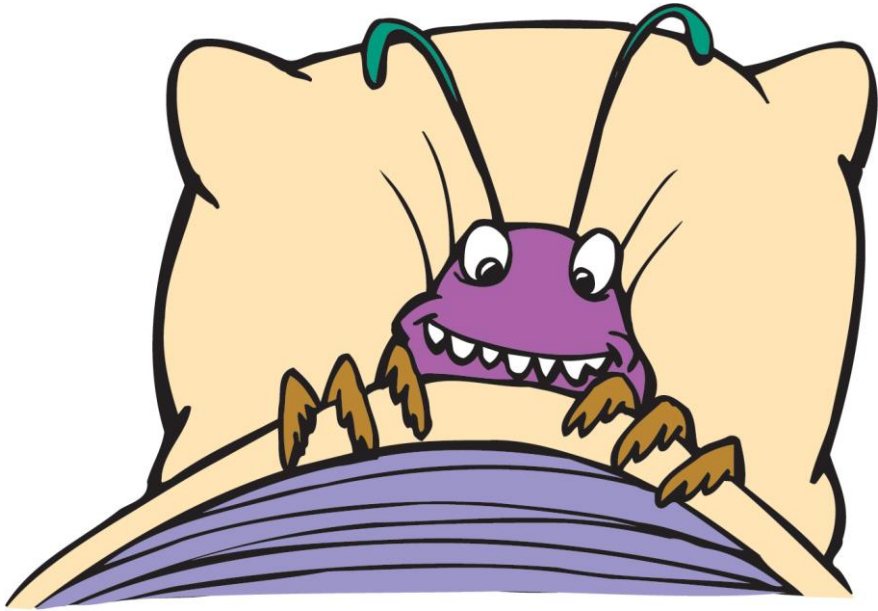


EESL CYCLE 1
(Ask an Expert)
Student Booklet



Name: _____

Group: _____

Are you an expert? Not yet but very soon you will be one. In this learning and evaluation situation, you will become an expert on a very specific topic: Bedbugs! You will have to help someone by responding to a series of questions.

Structure of the “Ask an Expert” text

Your text must respect a precise form.

1. The text from the inquirer including his questions.
2. A form of politeness (e.g. Dear.....) With the name found in the signature of the inquirer.
3. One paragraph per question.
4. A form of salutation (e.g. Good Luck)

Where will you get the information? From a series of texts which will make you “The Expert” on that topic. You must remember to organize the information in an interesting way and be creative.

Before we jump into our subject, let’s look at an example “Lice”. Remember you are not an expert on lice. Just look at the answers this expert on lice gave to Larry in Liceville

Ask an Expert

Question:

I think I have head lice. Other kids at my school have head lice. What are lice exactly? How does a person get head lice? What do I do if I have them? I washed my hair and am not sure what else I should do.

Larry in Liceville

Answer:

Dear Larry,

2. A form of politeness

1. Text from the person with the questions

Don't despair, Larry. Lice are very small insects. Although they feed on human blood, they are pretty harmless. They multiply fast and can be a lot of trouble. Nobody wants them as "head guests." ;-)

Answer to Q1.

Lots of students get lice around the time school photos are taken. They share hair combs and brushes, making it easy for the lice to travel from one head to the next. Sharing a pillow, a helmet or a hat can also pass on the lice.

Answer to Q2.

Ask your parents to check for lice eggs, called "nits," which stick to individual hairs near your head. They should also check for lice in your hair, especially at the top of your neck and behind your ears where it's warm and head lice like to feed.

Answer to Q3.

If you have head lice, you may need to use a special shampoo to get rid of them. Consult a pharmacist for more information or check the Internet for solutions. Nits can be removed using a special comb.

Answer to Q3.

Good luck!

A form of salutation

To help you understand and master the structure of an "Ask an Expert" text, complete the following chart about **Lice**.

Q1:	Q2:	Q3:
Answer <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	Answer <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	Answer <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>

Now that you understand the structure of an “Ask an Expert” text, it is time for you to become an expert on the subject of BEDBUGS. Read the following texts. Underline or highlight any interesting information.

Bedbugs



Bedbugs (also spelled bed bugs) are wingless insects. They live in crack and tight places – in beds, behind baseboards, in drawers, they can live in telephones! They live for up to one year without eating.

Bedbugs usually come out at night to feed on human blood. Their bites create itchy red bumps that often appear in a line, in groups of three. These are sometimes called “breakfast, lunch and dinner.”

What’s Bugging Everyone?

...Bedbugs are about the size of apple seeds. They travel by crawling and eat only human blood. “It’s amazing how they find us!” says bug expert Michael Merchant. Bedbugs sense carbon dioxide in the air we breathe out. They follow that scent to their sleeping victim. In other words: their next meal ...

Although most insects live outdoors, bedbugs prefer a roof over their heads. “They realized that humans provide a year-round food source and great shelter, and by living in our homes, they can avoid bad weather,” Merchant says.

Source: Carol Milano, “What’s Bugging Everyone?” *Current Health Kids*, Vol. 35, December 2001, p.13



Actual size of a bedbug



Bedbug bites on the face



A bedbug on exposed human skin

Bugs for Real

Getting close to you

Hey, aren't you glad that the bed bug (above right) isn't sucking your blood? Different kinds of bed bugs live on blood from bats, birds, or other animal – including humans. An adult bed bug needs a meal about once a week. Its bite doesn't hurt humans. But the bug pumps in a special chemical that keeps the blood flowing. Later the chemical makes the bite itch. Bed bugs can live a long time and the females usually lay many eggs.

Source: Deborah Churchman, “Bugs for Real,” *Ranger Rick*, Vol.32, June 1998, p.42

Good night, sleep tight. Don't let the bedbugs bite!

Did you know that ...

- 🖼️ Bedbugs most often live in beds and this gives them their name.
- 🖼️ Bedbugs usually hide in the daytime and eat at night.
- 🖼️ Food does not attract bedbugs because humans are their food.
- 🖼️ After eating, a bedbug sleeps for several days before getting hungry again.
- 🖼️ A bedbug “meal” will last about 10 minutes.
- 🖼️ Dark spots on bed sheets can mean 1) that a person has continued to bleed after being bitten by a bedbug; 2) that bedbugs have been crushed; 3) that bedbugs have left droppings (i.e. poop).
- 🖼️ Bedbugs were common until strong chemicals nearly wiped them out. The chemicals are no longer in use.
- 🖼️ Bedbugs are making a comeback and becoming a big problem.

A Night in the Life of a Bedbug

Just crawling out of my suitcase... it was so nice and warm in here! These people must have been on a beach. I can tell by the sand in the bottom. I think I'll just stay quiet until the lights are out and they're fast asleep.

I haven't eaten for a week. Now if I can only crawl over to where there's a nice warm patch of skin. Personally, my favourite eating spot is a face, but I also like a neck, a shoulder, an arm or a hand... I wish I could fly. This would go a lot faster!

Yummy... that tastes good. I've only been eating a few minutes and already I've turned dark red and feel heavy from all of the blood inside of me. (Yawn) Nap time!

Now ... off to my mattress ... home sweet home!

Likes and Dislikes of Bedbug

Bedbugs **like** messy rooms. Clothes on the floor are one of their favourite hiding places.



They **like** to travel in luggage, boxes, backpacks, used furniture and mattresses; anything that will take them to where the food is. They even travel on clothes.

They **like** warm indoor places where there are lots of people to snack on.

They **don't like** objects that are cold and hard. They **like** warm, soft, dark and humid places. But not the clothes dryer... that's too hot! They also **don't like** hot water.

They **don't like** hair. It's too much work to get to the skin for a decent meal.

Put a \checkmark to indicate if the statement is true or false.

	True	False
1. Bedbugs have wings.		
2. Bedbugs can smell the air we breathe out..		
3. Bedbugs spread diseases to humans.		
4. Bedbugs bite mostly at night when we are sleeping.		
5. Bedbugs like other foods like cheese and bread.		
6. Bedbugs are thriving even more today.		
7. Bedbug bites are very painful.		
8. Bedbugs are the result of uncleanliness.		
9. Bedbugs like cold place.		
10. Bedbugs are about the size of an apple seed.		

Answer the following questions. Two points per question. ____/10

1. What happens to bedbugs when they feed on human blood? _____

2. Name the 3 signs that may indicate the presence of bedbugs. _____

3. Name 3 places where bedbugs can hide in a house. _____

4. Why are bedbug bites often called breakfast, lunch and dinner? _____

5. How do bedbugs find us? _____

REINVESTMENT T-CHART

Jot down information from the texts that students can reinvest in their “Ask an Expert” answers.

Q1: Do you think the bites I have are from bedbugs? How would I know?

Q2: How did bedbugs get into my room?

Q3: Why can't I see the bedbugs?

Question:

When I woke up yesterday morning, I noticed bites on my neck. In fact there were several bites in a line. They were red and itchy.

Then this morning, I woke up with more bites on my arms. They are red and itchy too. My father thinks I have *bedbugs* in my room. Do you think the bites I have are from bedbugs? How would I know? How did bedbugs get into my room? Why can't I see them?

Nadella in Notre-Dame-de-Laus

Answer:

	Observables	A 20	B 18-16	C 14-12	D 10-6	E 6-0
Use of knowledge from texts in a reinvestment task	<ul style="list-style-type: none"> ➤ Selection of information/ideas from texts relevant to the task. ➤ Coherence of organization of selected information/ideas. ➤ Combination of information/ideas and language selected in texts with own ideas and personal language. ➤ Use of text components/text features. ➤ Accurate use of information drawn from texts. 	<ul style="list-style-type: none"> • Chooses all the relevant information/ideas to answer the questions. • Organizes the ideas and information skillfully and coherently. • Skillfully combines information/ideas and language selected in texts with own ideas and personal language repertoire. • All the text features/components are present. • Use of the information is accurate. 	<ul style="list-style-type: none"> • Chooses relevant information/ideas to answer the questions. • Organizes the ideas and information coherently. • Combines information/ideas and language selected in the texts with own ideas and personal language repertoire. • Most of the text features/components are present. • Use of the information is accurate. 	<ul style="list-style-type: none"> • Chooses some relevant information/ideas to answer the questions. • The organization lacks cohesion in areas of the text. • Sometimes combines information/ideas and language selected from the texts with own ideas and personal language repertoire. • Some of the text features/components are present. • Some of the information is inaccurate. 	<ul style="list-style-type: none"> • Chooses very few relevant information/ideas to answer the questions. • The organization lacks cohesion throughout the text. • Rarely combines information/ideas and language selected in the texts with own ideas and personal language repertoire. • Very few text features/components are present. • Information if any is inaccurate. 	<ul style="list-style-type: none"> • Does not choose relevant information/ideas to answer the questions. • The organization is confusing to the reader. • Delivers a product which does not correspond to the task