



## Teacher's Notes: Cricket Bread for Sale

**General Tips:** As you go through the article, spend a lot of time looking at, and talking about the pictures. Have students locate the words 'cricket' in the article and highlight the word (frequently used word). When appropriate have students write the word a few times on a sheet of paper.

**Addressing Problem Solving:** Throughout the presentation, help students identify the problem that the various issues are causing people. Talk about what people might have to do given the circumstances on each page.

**Page 1:** What happened on November 23<sup>rd</sup>? What is the date today? How long ago was that? What is a company? Where is Finland? What does it mean to have "a new type" of something? Who here likes bread? What do you use bread for? What are some different kinds of bread? Finland is in Europe. Point to Finland, USA, Atlantic Ocean, 23<sup>rd</sup>, November calendar.

**Page 2:** What is the new product in Finland? What is in the bread? Have you ever heard of putting crickets in bread? What do you know about crickets? What sound do they make? How do they move? What do they eat? Where have you seen crickets before? **Point:** cricket's leg, head, bread board, bread, slice of bread. Do you think that they might have a problem selling that bread? Would you like to eat bread made with crickets in it?

**Page 3:** What are insects? Do you think people will think that bread is disgusting? What else do you know of that is disgusting to eat? What is that lady putting in her mouth? What does the man in the picture below think about eating crickets? Do you want to eat the cricket like the lady or do you think they are disgusting like the man? **Point:** woman, mouth, chop sticks, cricket, man, hands

**Page 4:** What does it mean that the crickets are farm-raised? What else do you know that is raised on a farm? What do you think a cricket farm might look like? What kind of cages do you think they would be in? Why do you think the cricket farmers feed the crickets healthy food? What healthy foods can you think of? (watch **video** to show cricket farm) **Point:** crickets, egg crates, fruit

**Page 5:** How long is 7 weeks? What does it mean to freeze the crickets? The picture on top is a picture of a freezer that a restaurant or food company might have. It's a freezer that you can walk into. It's called a walk-in freezer. The picture on the bottom is crickets that are frozen. Why do you think that they wanted to freeze the crickets? Why do people freeze food? What is a mill? **Point:** walk-in freezer, door handle, frozen crickets

**Page 6:** What does grind mean? What is powder? Who might buy the cricket powder? What does the powder look like? (flour). Look at the bags in the bottom picture. The mill puts the cricket powder in bags to sell it. **Point:** bags of cricket powder (middle), bowl of cricket powder

**Page 7:** What is a loaf? What is the bread called? How many crickets are in one loaf? See the squares? There are 70 squares. 7 rows of 10. That is how many crickets are in one loaf. Do you think that is a lot of crickets? **Point:** squares, crickets. What does it mean that this bread is 'healthy'?

**Page 8:** Which country started selling cricket bread? Who are Finnish people? Where are Finnish people from? What country are you from? What are you? (American). What does it mean that they think this bread is a 'good idea'? What is protein? What is iron? Look at the top picture. Is the Finnish girl eating the bread? Do you think she likes it? See the bottom picture? What is a food label? Why does food have a label on it? What does healthy food mean?

**Page 9:** Why do you think cricket powder is getting more popular? What does popular mean? What is one thing that people are making in the U.S. with cricket powder? What noise do crickets make? It's called chirping. Would you like to hear crickets chirp? (play cricket chirping youtube link). The chips are called "chirps". Why do you think they named these chips Chirps? Would you like to see the web site for the chips? Do you like chips? Would you want to try Chirps? You can buy them in some cities in the U.S. In Arizona you can buy them in Tucson, but they are not in Phoenix yet. You can click on the map on the Chirp web site to see where you can buy them now.