Can Insects Save the Planet?

Part 1: You're going to eat what?

Garrett was interested in meeting his new college roommate, Andre. The boys were not able to speak directly all summer because Andre was participating in an internship with a relief organization in the African country of Malawi. Through their text messages and social media posts, Garrett learned that Andre is health conscious and very interested in saving the planet. Andre even texted Garrett several ideas on how they could reduce their ecological footprint as they set up their dorm room. He also let Garrett know that he did not eat meat, but he didn't consider himself a vegetarian because he frequently ate alternative protein sources.

On move-in day, Andre was quick to offer Garrett his famous chocolate "chirp"[1] 07 ( )10ou(ffe)-3 (r4T q)2.4 0 Td 3.0.6 (h)2.2 4.94T xo,is 3-6.7 (t)7..4 (e)-3 ll3 (ic)-1.( )10083 ( )1.6 (3-6

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Part 2: Food and Health – Why is protein important?

Garrett noticed that Andre had a picture of a young child on his desk. When asked about the child, Andre explained that this was Abshir, the child he sponsors through the organization he interned with in Malawi. Andre told Garrett about the extreme poverty he witnessed in Malawi. Most people he was helping lacked the basic necessities of life – food, water, medicine, even shelter. Since many children who live in extreme poverty suffer from malnutrition, Andre decided to sponsor Abshir hoping to make his life a little easier.

According to the World Health Organization (WHO), 1.2 billion people worldwide live in extreme poverty. The WHO defines extreme poverty as an income of less than one dollar per day. Many people who live in

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3. Scientists determine that children between the ages of 1-3 years require 13 grams of protein per day. Children 4-8 years need 19 grams of protein per day. Children 9-13 years need 34 grams of protein per day. In many of the world's poorest countries, there is only one meal a day. Use the data table in question 2 on the previous page to identify countries where children may not get enough protein in their diet. Support your identi6 (c)-11.9d(c)-11.9 (r)-2.9 (t)-5. (u)-0.(c)-11.(r)-2.((t)]TJst

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Part 5: One Health and protein sources

One Health Problem

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