

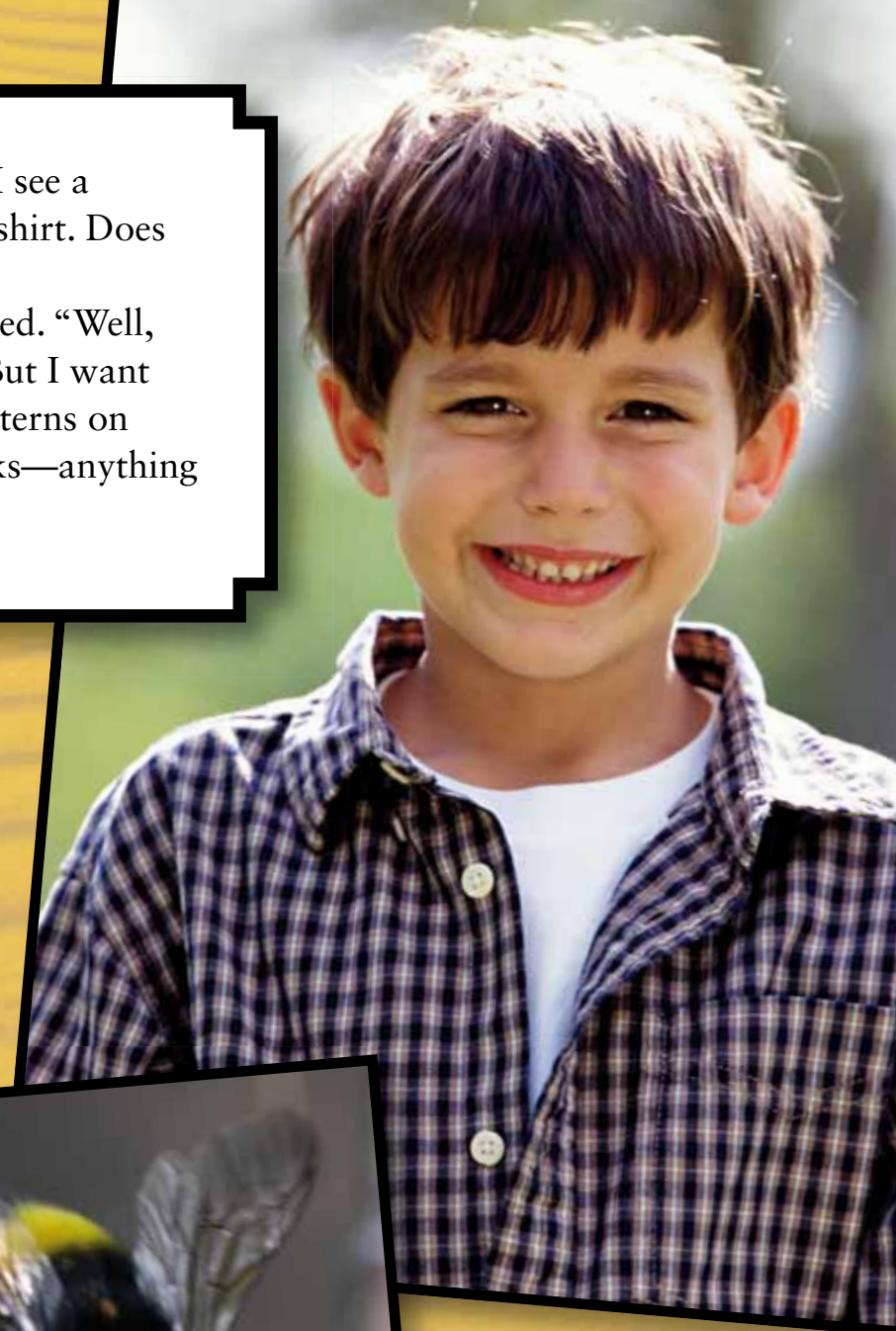
Getting Ready

After we unpacked our gear, we went up to the main building. Ethan and Suzi told us we would soon be going on our first hike.

Mr. Amos said, “We’ve been talking about patterns in class. When we go hiking, I want you to look for patterns around you. Take notes, and draw what you see.”

Ramell joked, “I see a pattern on Jamie’s shirt. Does that count?”

Mr. Amos laughed. “Well, yes, it’s a pattern. But I want you to look for patterns on plants, insects, rocks—anything in nature.”



Setting Off

After lunch, we set out on our hike. We saw patterns everywhere. Even the clouds formed a pattern.

We walked beside the lake for a while. There were ripples forming a **continuous** (kuhn-TIN-you-us) pattern on the water. Ethan said the ripples were caused by dropping a rock into the lake.

I found a big rock with stripes through it. Suzi said it was sandstone. I drew a picture of it. It was just too big to put into my pocket!



LET'S EXPLORE MATH

Jamie found some flowers. He made a table in his notebook.

- Draw the table and fill in the missing numbers.
- What is the rule for the number pattern in Jamie's table?

Number of Flowers and Petals

Flowers	Petals
1	4
2	8
	12
4	