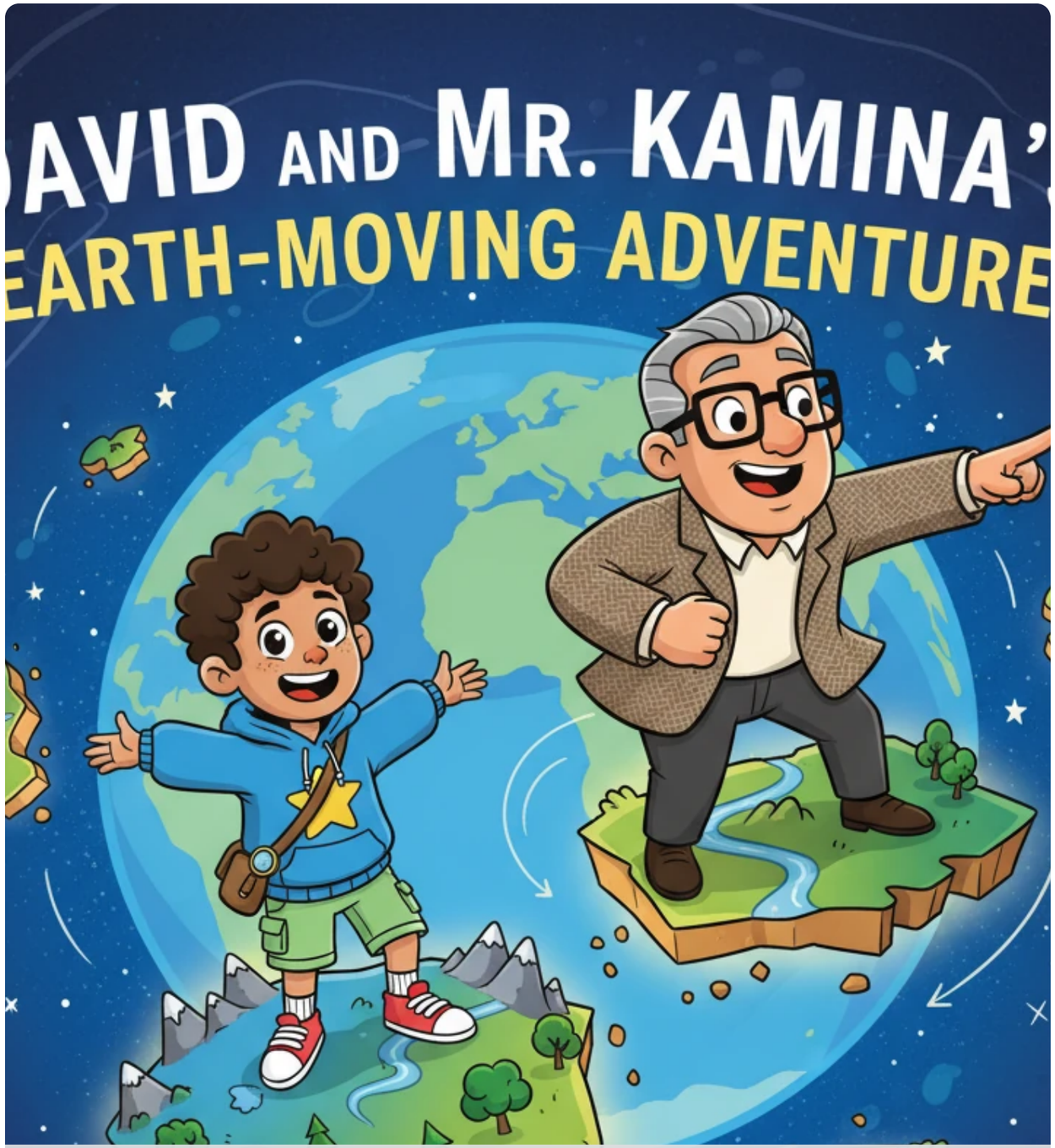

David and Mr. Kamina's Earth-Moving Adventure

cyberpsycho

David sits in Mr. Kamina's class, looking puzzled. He asks, "Mr. Kamina, why do the continents look like they could fit together, and why do they move?"

Mr. Kamina smiles. "That's a great question, David! It's all about plate tectonics! Imagine the Earth's crust as a giant jigsaw puzzle, broken into pieces called plates."

Mr. Kamina explains, "A scientist named Wegener noticed the continents looked like they fit together, too! He proposed the theory of continental drift!"

Mr. Kamina draws a diagram. "Tuzo Wilson helped us understand how these plates interact. He discovered transform faults where plates slide past each other."

Mr. Kamina points to a bubbling pot. "Deep inside the Earth, there are convection currents, like in this boiling water. These currents move the plates!"

David looks confused. "But what happens when the plates bump into each other?"

Mr. Kamina explains, "That's where subduction comes in! One plate slides under another, often creating volcanoes and earthquakes."

"Sometimes plates collide head-on. This is called conversion! When plates converge, mountains can form, like the Himalayas!"

Mr. Kamina adds, "And when plates move apart, it's called diversion! This can create new land, like the Mid-Atlantic Ridge."

David exclaims, "Wow, Mr. Kamina! Plate tectonics is amazing!" (Last page: Reviews praising the book for its clear explanations and engaging illustrations.)