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How sounds travel, how light works, and the mysterious connection between electricity and magnetism.

Chapter 3: The speed of light and the shape 43 of the universe

Albert Einstein came up with two of the most significant theories in modern physics: **special relativity**, which explores the speed of light, and **general relativity**, which unpacks the shape of the universe. But what actually ARE

these theories?

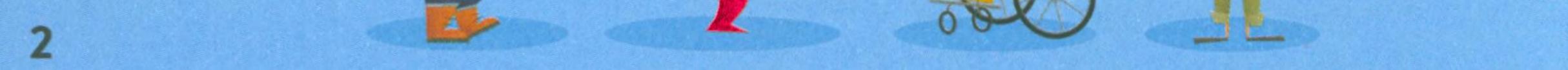
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Introducing the very smallest things physicists have discovered, and seeing what happens when they try to break those things apart into even smaller pieces.





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The smallest particles don't seem to follow the same rules as bigger things. So what rules *do* they follow, and why don't they seem to make sense? 75

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There are plenty of things physicists don't understand about how things work, whether on Earth or out in space. Discover some of the mysteries that YOU might help to solve one day.

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