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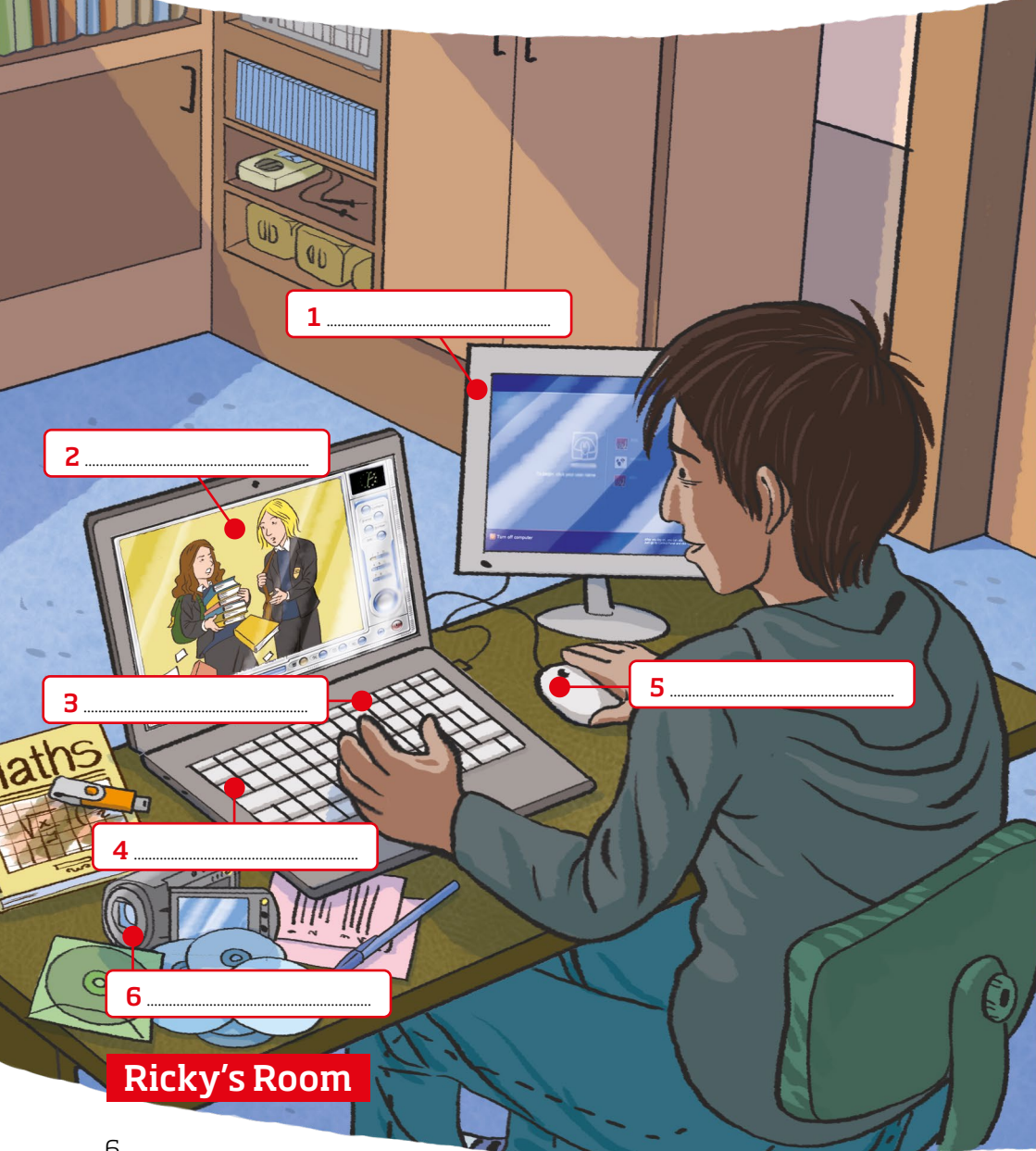
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**Hello, I'm Ricky
and this is my story.
What is my big idea?
Look through the book
and find out!**



Before Reading

1 Look at the pictures and answer the questions on pages 8 and 9.



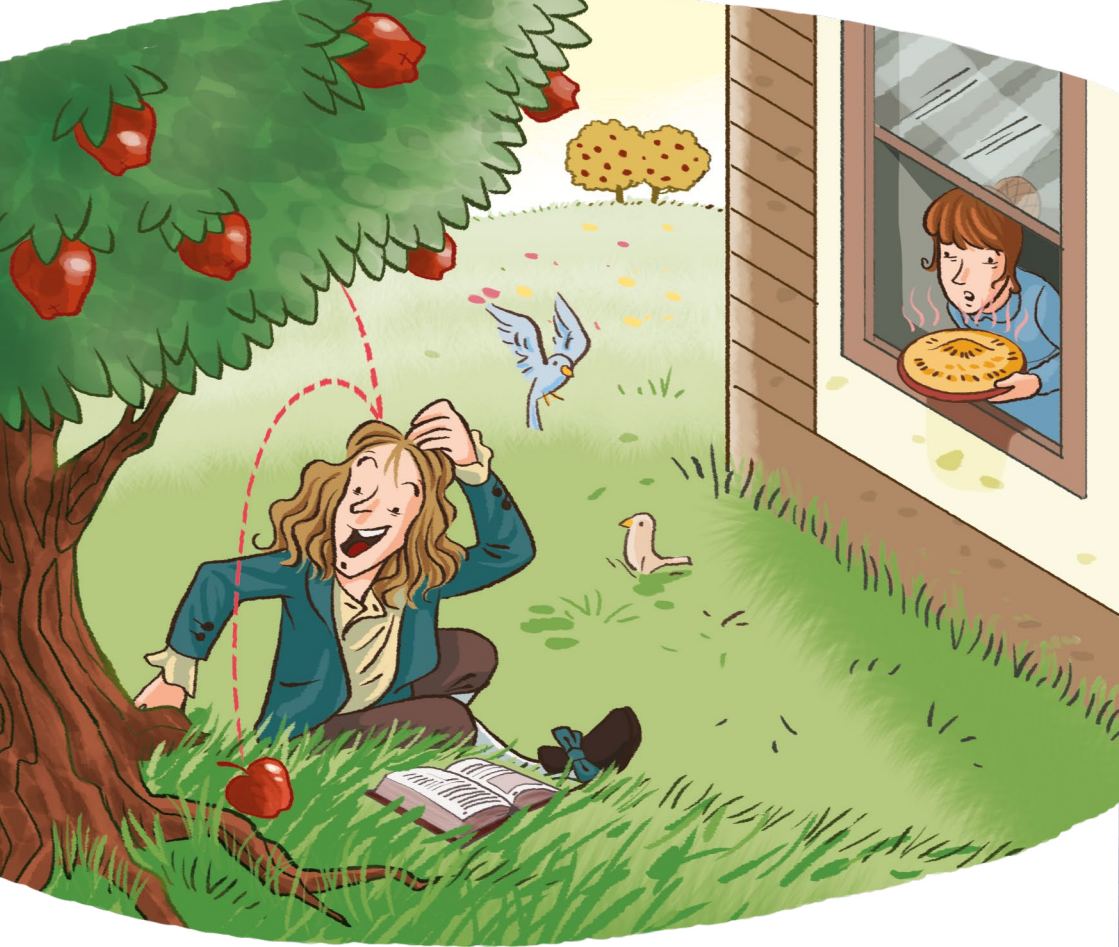


The Film Set



Big ideas can come from very small things.

Early one morning, Archimedes got out of bed and walked into his bathroom. He was remembering all the things he had to do that day – buy food for his cats, tidy the house, do some experiments. He didn't notice that the bath was very full. So he got into it and the hot water poured[•] onto the floor. He looked at the water for a moment. Then suddenly he jumped out of the bath and shouted, 'Eureka![•] Eureka!' Archimedes didn't jump out because the water was hot. He jumped out because he suddenly understood something very important. He understood why some things float[•] and others sink[•]. Just think of huge steel ships that weigh millions of kilos. They can float on the sea, but a small stone sinks. And Archimedes knew why.



Isaac Newton was sitting in his mother's garden under an apple tree. It was a beautiful day. The birds were singing on the branches and the apples were bright red in the sun. Isaac was thinking (he liked thinking) and enjoying the sunshine, when an apple fell and hit him on the head.

'Ouch!'

His mother called out from the kitchen, 'Isaac, you are a very silly young man. Don't sit under apple trees!' But Isaac was smiling. He was thinking something very different. He suddenly understood why the Moon moved around the Earth and the Earth moved around the Sun and why the stars stayed in the sky. In fact, he understood how gravity worked.

Einstein was clever. Very clever. When Einstein was sixteen, he was looking in a mirror at his reflection and he had a strange idea. He thought about a boy sitting on a beam[•] of light. And that beam of light was travelling across the universe. Einstein thought and thought about this boy and the beam of light and he finally developed his Theory of Relativity. Now that theory is far too difficult to explain here. Even Ricky didn't understand it, and Ricky was probably the cleverest boy in his school. But, like Archimedes and Newton, Einstein proved that big ideas can come from small things.

And Ricky had a big idea.



$$\frac{10}{2}$$



It all started on a quiet Saturday at home. A very quiet Saturday.

Ricky's sister Jade was in her room.

Ricky's other sister Sonia was in the bathroom.

Ricky's parents were working in their shop. He always helped them with small jobs on Saturday mornings. And everyone agreed that Ricky was a good son.

His friends always asked him for help with their maths and science homework. He did that every Friday evening. And everyone agreed that Ricky was a good friend.

But now it was twelve o'clock and Ricky was free for the rest of the day. So he was doing what he loved doing best. He was sitting on the sofa doing calculations in his head.

For example, what do you get when you multiply 547 by 125? Or what is 7,904 divided by 16?

He solved the problems, then checked them with the calculator on his mobile phone. The answers were 68,375 and 494. And Ricky got them right. And this was Ricky's idea of fun!

He was adding 6,783,209 to 7,534,487 when he heard a terrible scream. It sounded like Sonia. Then he heard a door open and another scream. That sounded like Jade. Now, Ricky liked doing calculations in his head. But this sounded more interesting! He jumped up off the sofa and ran upstairs.





