Supernova!



Story by Heather Hammonds
Illustrations by Lisa Simmons

PM LIBRARY

Contents

For teachers' inspection ONLY



Chapter 1	Ready to Go	4
Chapter 2	Moon Flight	7
Chapter 3	Something in the Sky...	14
Chapter 4	The Exploding Star	18
Chapter 5	A Discovery	22
Chapter 6	An Exciting Day	26
Chapter 7	Fame!	30

For teachers' inspection ONLY

Chapter 1

Ready to Go



Amy looked out of her bedroom window and saw the moon and the stars shining brightly in the sky.

"Time to go," she said to herself.

She ran down to the garage and carefully wheeled out the telescope that her father had given her for her birthday. Amy's father was an astronomer and he had built the telescope himself. It was called a Newtonian reflecting telescope. When Amy used it, she looked through a little tube in its side called an eyepiece.

For teachers' inspection ONLY



Amy wheeled the telescope right into the middle of her back garden. Then she went back into the garage and brought out two outdoor chairs. She was almost ready for action. She put her fingers to her mouth and whistled. After a few minutes she heard a sound.

"Are you there, Amy?" whispered James, climbing up the fence on one side of Amy's garden.

"Yes," she called softly. "Hurry up. It's time to go!"

For teachers' inspection ONLY

James had moved next door to Amy a few weeks before, and he and Amy had become good friends. Every night when the sky was clear, they could be found outside, looking through the telescope at the moon, the stars and the planets.

James jumped down into Amy's garden and ran over beside her. Amy made some last-minute changes to the telescope.

"Okay," she said. "It's ready."



For teachers' inspection ONLY

Chapter 2

Moon Flight



Amy swung her telescope around and pointed it at the moon. The moon was so big and bright tonight. She imagined she was flying over it in a spaceship. She saw mountains and valleys, hundreds of craters and the dark, grey 'seas' — or 'maria', as her father called them.

Amy wanted to be an astronaut when she got older, so that she could really fly a spaceship to the moon.

"Can I take over now?" asked James.

Amy moved over and let James have a turn. He loved looking through her telescope, and wanted to be an astronaut one day, too. He dreamed of travelling to different planets and stars, and maybe even discovering new worlds.

"We're flying over the Sea of Tranquillity," he said, turning the telescope around a little bit. "It looks pretty good down there tonight."



For teacher's inspection ONLY