



## Cogheart

Some secrets change the world in a heartbeat...  
Lily's life is in mortal peril. Her father is missing and now silver-eyed men stalk her through the shadows. What could they want from her?

With her friends – Robert, the clockmaker's son, and Malkin, her mechanical fox – Lily is plunged into a murky and menacing world. Too soon Lily realises that those she holds dear may be the very ones to break her heart.



### **Key Vocabulary**

Victorian era	The Victorian era occurred between 1820 and 1914. It is the time when Queen Victoria reigned.
London	The capital city of England.
Invention	The act of inventing (creating) something, typically a process or device.
Artefact	An object made by a human being, typically one of cultural or historical interest.
Cog	A wheel or bar with a series of projections on its edge, which transfers motion by engaging with projections on another wheel or bar.
Innovation	The action or process of innovating (make changes in something established, especially by introducing new methods, ideas, or products).
Mechanical	Something that is operated by a machine or machinery.
Legacy	When a person dies, the mark the individual left on the world represents that individual's legacy.
Airship	A power-driven aircraft that is kept buoyant by a body of gas (usually helium, formerly hydrogen) which is lighter than air.
Leonardo Torres y Quevedo	Leonardo was a Spanish civil engineer and mathematician. He was born 28 <sup>th</sup> December 1852 and died 18 <sup>th</sup> December 1936.
Alexander Graham Bell	Alexander was a Scottish-born inventor, scientist and engineer who is credited with inventing and patenting the first practical telephone. He was born 3 <sup>rd</sup> March 1847 and died 2 <sup>nd</sup> August 1922.
Thomas Crapper	Thomas Crapper was an English sanitary engineer and businessman. He was born 28 <sup>th</sup> September 1836 and died 27 <sup>th</sup> January 1910.
Alexander Parkes	Alexander Parkes was a metallurgist and inventor from Birmingham, England. He created Parkesine, the first man-made plastic.
Peer pressure	When your peers (people who are your age, e.g. classmates) try to influence how you act or to get you to do something.



Victorian children



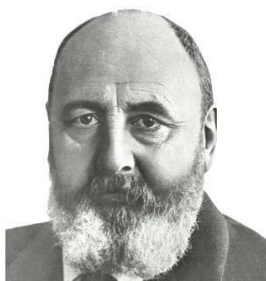
Queen Victoria



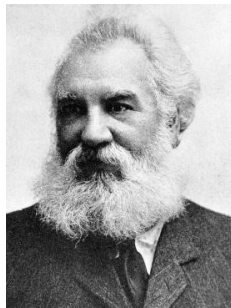
Map of the UK showing London.



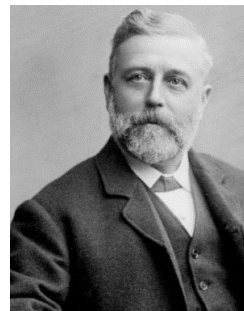
An example of Cogs



Leonardo Torres y Quevedo



Alexander Graham Bell



Thomas Crapper



Alexander Parkes

