

CORRECTION SHEET

ACTIVITY 1

Albert Einstein was born **1. in** Ulm in southwest Germany **2. on** 14 March 1879. His family **3. later** moved to Italy **4. after** his father's electrical equipment **5. business** failed. Einstein studied at the Institute of **6. Technology** in Zurich and received his **7. doctorate** in 1905 **8. from** the University of Zurich. In the **9. same** year he published four ground-breaking **10. scientific** papers. One introduced his special **11. theory** of relativity and another his **12. equation** ' $E = mc^2$ ' which related **13. mass** and energy.

Within a short **14. time** Einstein's work was **15. recognised** as original and **16. important**. In 1909, he became **17. associate** professor of theoretical **18. physics** at Zurich, in **19. 1911** professor of theoretical physics at the German **20. University** in Prague and then returned to the **21. Institute** of Technology in Zurich the **22. following** year. In 1914, he was **23. appointed** director of the Kaiser Wilhelm Institute for Physics in **24. Berlin**. He became a **25. German** citizen in the same **26. year**. In 1916 he published his theory of **27. general** relativity.

Einstein received the 1921 **28. Nobel** Prize in Physics for his **29. discovery** of the law of the photoelectric **30. effect** and his work in the field of **31. theoretical** physics. During the 1920's Einstein **32. lectured** in Europe, North and South America and Palestine, where he was **33. involved** in the establishment of the Hebrew University in **34. Jerusalem**.

Born into a Jewish **35. family** and a supporter of **36. pacifism** and Zionism, **37. Einstein** increasingly became the focus of **38. hostile** Nazi propaganda. In **39. 1933**, the year the Nazis took power in Germany, Einstein **40. emigrated** to America. He accepted a **41. position** at the Institute of Advanced Study in Princeton and took **42. US** citizenship.

Einstein retired from the institute in 1945 **43. but** worked for the rest of his **44. life** towards a unified field theory to **45. establish** a merger between quantum theory and his general theory of **46. relativity**. He continued to be active in the peace **47. movement** and in support of Zionist causes and in 1952 he was **48. offered** the presidency of Israel, which he declined. Einstein **49. died** on 18 April 1955 in Princeton, **50. New Jersey**.