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Titolo	Scientific method / / Cambridge Educational (Firm)
Pubbl/distr/stampa	New York, N.Y., : Infobase, [2005], c1999
Descrizione fisica	1 streaming video file (23 min.) : sd., col., digital file
Collana	Science Core Curriculum Video Library The Cambridge Educational Core Curriculum Video Libraries The Scientific Method
Soggetti	Astronomy Biology - Study and teaching Chemistry - Study and teaching Environmental sciences - Methodology Environmental sciences - Research Geology - Study and teaching Physical geography - Research Physics - Study and teaching Educational films. Internet videos. Videorecording
Lingua di pubblicazione	Inglese
Formato	Videoregistrazione
Livello bibliografico	Monografia
Nota di contenuto	Scientific Method Defined (1:45) -- Define the Problem (2:00) -- Form a Hypothesis (3:07) -- Experiments and Observations (5:44) -- Analyze and Communicate Data (2:53) -- Scientific Method Applications (3:28) -- Questioning and Testing (2:18)
Sommario/riassunto	This program examines the basic elements of the scientific method: defining and researching the problem, forming a hypothesis, gathering information through experimentation and observation, analyzing the data, forming a conclusion, and communicating the results. Practical applications of the scientific method, such as testing new medicines and analyzing the performance of sporting goods, are included as well. Correlates to the National Science Education Standards developed by

the National Academies of Science and Project 2061 Benchmarks for Science Literacy from the American Association for the Advancement of Science.

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