CREDITS

The Einstein’s Big Idea Teacher’s Guide was produced by the Educational Outreach department of the WGBH Educational Foundation.

Director, Educational Outreach
Karen Barsss

Manager, Editorial Content
Sonja Latimore

Editorial Project Director
Karen Hartley

Assistant Editor
Joan Pedersen

Writer
Jeffrey F. Lockwood

Director, Education Initiatives
Julie Benyo

Outreach Production Coordinator
Ellen Robinson

Advisors
Steve Gagnon
Thomas Jefferson Lab, Newport News, VA
Roland Otto
Lawrence Berkeley National Laboratory, Berkeley, CA
George Smoot
Lawrence Berkeley National Laboratory and University of California at Berkeley, Berkeley, CA
Paul Stengel
Curriculum Consultant, Southampton, NY
Jan Tyler
Thomas Jefferson Lab, Newport News, VA

Special Thanks
Reen Gibb
Brookline Public Schools, Brookline, MA
David Kaiser
MIT, Cambridge, MA
George S.F. Stephans
MIT, Cambridge, MA

Designers
Peter Lyons
Rusha Sopariwala

Illustrator
Hannah Bonner

Print Production
Lenore Gibson

Major corporate funding for NOVA is provided by Google.

Google

Additional funding is provided by the Howard Hughes Medical Institute, the Corporation for Public Broadcasting, and public television viewers.

HHMI

Major funding for “Einstein’s Big Idea” is provided by the National Science Foundation. Additional funding is provided by the Alfred P. Sloan Foundation, and the U.S. Department of Energy.

This material is based upon work supported by the National Science Foundation under Grant No. 0407104. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.

“Einstein’s Big Idea” is a NOVA production by Darlow Smithson Productions for WGBH/Boston and Channel 4, and Arte/France, Tetra Media and Norddeutscher Rundfunk.

The NOVA television series is produced by WGBHBoston, which is solely responsible for its content, and distributed by the Public Broadcasting Service.

© 2005 WGBH Educational Foundation

NOVA is a trademark and service mark of the WGBH Educational Foundation.

Permission is granted for reproduction of this printed material by schools and librarians for educational use only. All other rights reserved. Other than as discussed above, no part of the Einstein’s Big Idea Teacher’s Guide may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of the WGBH Educational Foundation, 125 Western Avenue, Boston, MA 02134.

NOVA is closed captioned and described by the Media Access Group at WGBH for viewers who are deaf, hard of hearing, blind, or visually impaired.

The descriptive narration is available on the second audio program (SAP) channel of stereo TVs and VCRs.

Photo and Illustration Credits

Front cover: Albert Einstein (Aidan McArdle) by Rob Kemnard; Emilie du Châtelet (Hélène de Fougerolles) by Eric Giardot; Michael Faraday (Stephen Robertston) by Judy Goldhill; time line: Galileo Galilei, © Bettmann/CORBIS; Gottfried Wilhelm von Leibniz, The Granger Collection, New York; Emilie du Châtelet, © Bettmann/CORBIS; Antoine-Laurent Lavoisier, © Michael Nicholson/CORBIS; Michael Faraday, The Granger Collection, New York; James Clerk Maxwell, © Bettmann/CORBIS; Albert Einstein, © Bettmann/CORBIS; Otto Hahn, The Granger Collection, New York; Lisa Meitner, © CORBIS; back cover: Judy Goldhill. All illustrations © 2005 Hannah Bonner.

Feedback

We’d like to know what you think about NOVA’s “Einstein’s Big Idea” program, Web site, and Teacher’s Guide, as well as our other educational resources. Please write us at NOVA_Teachers@wgbh.org

Find More Lessons Online

Visit the NOVA Teachers site to find classroom tools for more than 250 NOVA programs, including program summaries, lesson plans, online activities, and related Web features. Sign up for the educator’s bulletin for a reminder of what’s coming up on TV and on the Web each week. Find these resources, a seasonal TV schedule, streaming video, and more at www.pbs.org/nova/teachers

Order NOVA Videos

Do you have a favorite NOVA you have been wanting to add to your collection? You can request a catalog of all available NOVA programs by contacting (800) 949-8670. (Some NOVA programs are not for sale because the rights are not available.) You can also see what is available and order online at www.pbs.org/nova/novastore.html