

Grade 4 Unit 2 | Image of the day Eureka! The Art of Invention



Grade 4

Unit 2

## **Eureka! The Art of Invention**

Image of the Day

# Contents EUREKA! The Art of Invention

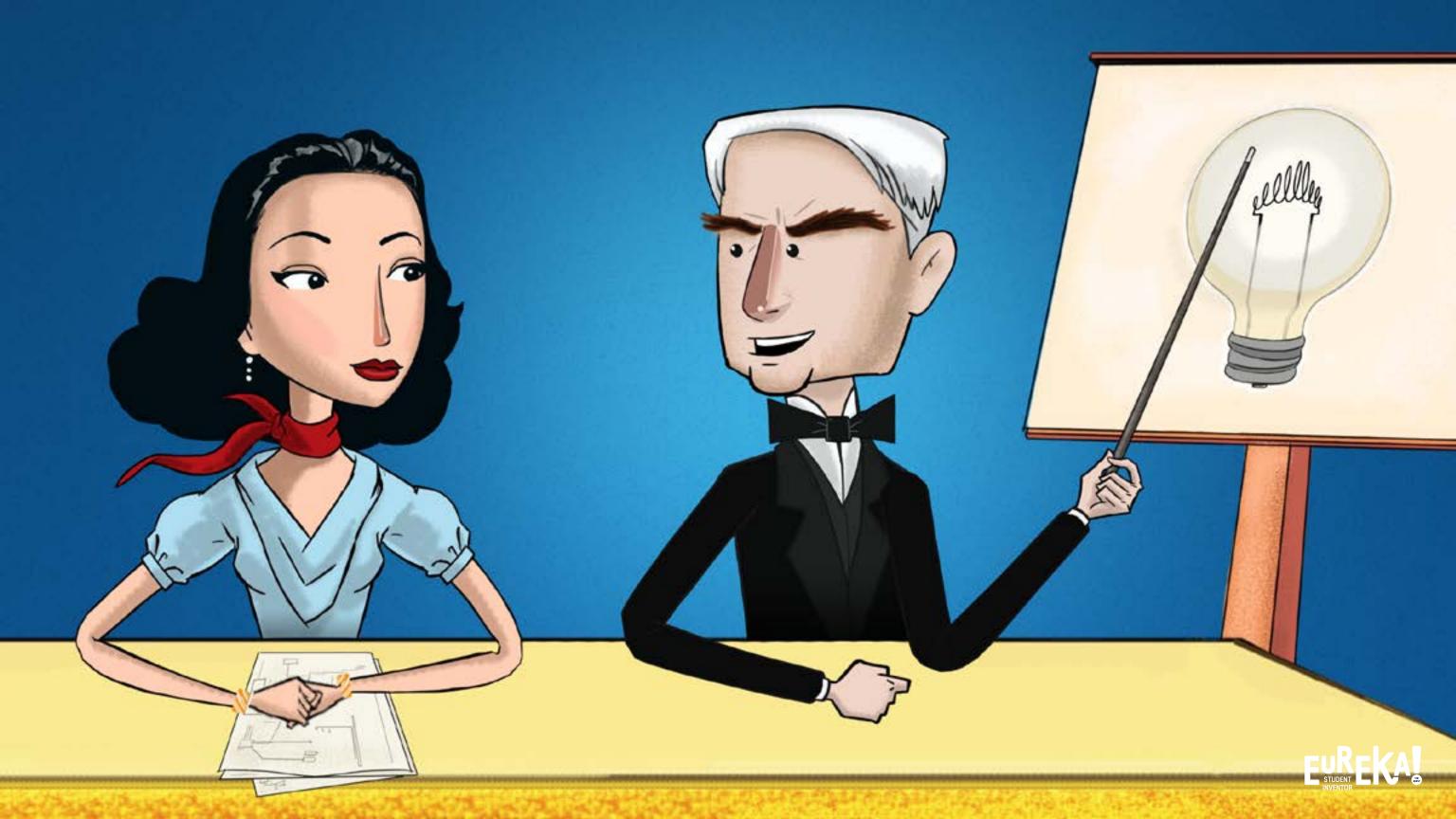
### Image of the Day

Episode 1
Episode 2
Episode 3
Episode 4
Episode 5
Episode 6
Episode 7
Episode 8
Episode 9
Episode 10







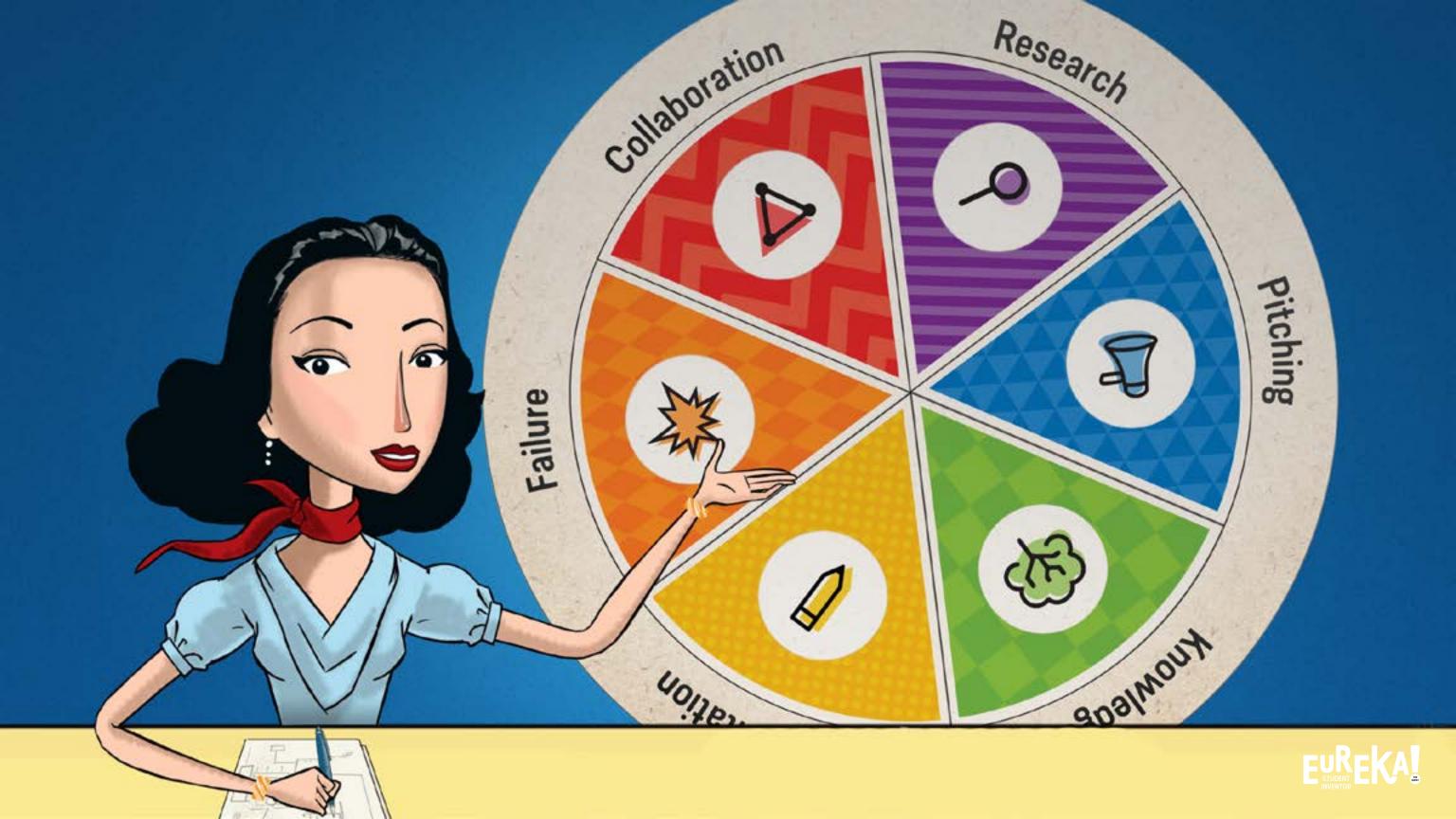


















#### General Manager K-8 Humanities and SVP. Product

Alexandra Clarke

#### **Chief Academic Officer, Elementary Humanities** Susan Lambert

#### **Content and Editorial**

Elizabeth Wade, PhD, Director, Elementary Language Arts Content Patricia Erno, Associate Director, Elementary ELA Instruction Baria Jennings, EdD, Senior Content Developer Maria Martinez, Associate Director, Spanish Language Arts Christina Cox, Managing Editor

#### **Product and Project Management**

Ayala Falk, Director, Business and Product Strategy, K-8 Language Arts Amber McWilliams, Senior Product Manager Elisabeth Hartman, Associate Product Manager Catherine Alexander, Senior Project Manager, Spanish Language Arts LaShon Ormond, SVP, Strategic Initiatives Leslie Johnson, Associate Director, K-8 Language Arts Thea Aguiar, Director of Strategic Projects, K-5 Language Arts Zara Chaudhury, Project Manager, K-8 Language Arts

#### **Design and Production**

Tory Novikova, Product Design Director Erin O'Donnell, Product Design Manager

#### **Other Contributors**

Patricia Beam, Bill Cheng, Ken Harney, Molly Hensley, David Herubin, Sara Hunt, Kristen Kirchner, James Mendez-Hodes, Christopher Miller, Diana Projansky, Todd Rawson, Jennifer Skelley, Julia Sverchuk, Elizabeth Thiers, Amanda Tolentino, Paige Womack

#### **Texas Contributors**

#### Content and Editorial

Sarah Cloos Laia Cortes Jayana Desai Angela Donnelly Claire Dorfman Ana Mercedes Falcón Rebecca Figueroa Nick García Sandra de Gennaro Patricia Infanzón-Rodríguez Seamus Kirst Michelle Koral

#### **Product and Project Management**

Stephanie Koleda Tamara Morris

#### Art. Design. and Production

Nanyamka Anderson Raghav Arumugan Dani Aviles Olioli Buika Sherry Choi Stuart Dalgo Edel Ferri Pedro Ferreira Nicole Galuszka Parker-Nia Gordon Isabel Hetrick Ian Horst Ashna Kapadia Jagriti Khirwar Julie Kim Lisa McGarry

Emily Mendoza Marguerite Oerlemans Lucas De Oliveira Tara Pajouhesh Jackie Pierson Dominique Ramsey Darby Raymond-Overstreet Max Reinhardsen Mia Saine Nicole Stahl Flore Theyoux Jeanne Thornton Amy Xu Jules Zuckerberg

Sean McBride

Sofía Pereson

Sheri Pineault

Megan Reasor

Marisol Rodriguez

Jessica Roodvoets

Lilia Perez

Lvna Ward

Jacqueline Ovalle

#### Series Editor-in-Chief

E. D. Hirsch Jr.

President

Linda Bevilacqua

#### **Editorial Staff**

Mick Anderson Robin Blackshire Laura Drummond Emma Farnst Lucinda Ewing Sara Hunt Rosie McCormick Cvnthia Peng Liz Pettit Tonva Ronavne Deborah Samley Kate Stephenson Elizabeth Wafler James Walsh Sarah Zelinke

#### **Design and Graphics Staff**

Kelsie Harman Liz Loewenstein Bridget Moriarty Lauren Pack

#### **Consulting Project Management Services**

ScribeConcepts.com

#### **Additional Consulting Services**

Erin Kist Carolyn Pinkerton Scott Ritchie Kelina Summers

#### Acknowledgments

These materials are the result of the work, advice, and encouragement of numerous individuals over many years. Some of those singled out here already know the depth of our gratitude; others may be surprised to find themselves thanked publicly for help they gave quietly and generously for the sake of the enterprise alone. To helpers named and unnamed we are deeply grateful.

#### **Contributors to Earlier Versions of These Materials**

Susan B. Albaugh, Kazuko Ashizawa, Kim Berrall, Ang Blanchette, Nancy Braier, Maggie Buchanan, Paula Coyner, Kathryn M. Cummings, Michelle De Groot, Michael Donegan, Diana Espinal, Mary E. Forbes, Michael L. Ford, Sue Fulton, Carolyn Gosse, Dorrit Green, Liza Greene, Ted Hirsch, Danielle Knecht, James K. Lee, Matt Leech, Diane Henry Leipzig, Robin Luecke, Martha G. Mack, Liana Mahoney, Isabel McLean, Steve Morrison, Juliane K. Munson, Elizabeth B. Rasmussen, Ellen Sadler, Rachael L. Shaw, Sivan B. Sherman, Diane Auger Smith, Laura Tortorelli, Khara Turnbull, Miriam E. Vidaver, Michelle L. Warner, Catherine S. Whittington, Jeannette A. Williams.

We would like to extend special recognition to Program Directors Matthew Davis and Souzanne Wright, who were instrumental in the early development of this program.

#### Schools

We are truly grateful to the teachers, students, and administrators of the following schools for their willingness to field-test these materials and for their invaluable advice: Capitol View Elementary, Challenge Foundation Academy (IN), Community Academy Public Charter School, Lake Lure Classical Academy, Lepanto Elementary School, New Holland Core Knowledge Academy, Paramount School of Excellence, Pioneer Challenge Foundation Academy, PS 26R (the Carteret School), PS 30X (Wilton School), PS 50X (Clara Barton School), PS 960, PS 102X (Joseph O. Loretan), PS 104Q (the Bays Water), PS 214K (Michael Friedsam), PS 223Q (Lyndon B. Johnson School), PS 308K (Clara Cardwell), PS 333Q (Goldie Maple Academy), Sequoyah Elementary School, South Shore Charter Public School, Spartanburg Charter School, Steed Elementary School, Thomas Jefferson Classical Academy, Three Oaks Elementary, West Manor Elementary.

And a special thanks to the Pilot Coordinators, Anita Henderson, Yasmin Lugo-Hernandez, and Susan Smith, whose suggestions and day-today support to teachers using these materials in their classrooms were critical.