

APPENDIX B: LESSON RESOURCES

Lesson 5.1: *Families Matter*

- Book: *My Friends and Me* by Stephanie Stansbie
- Video: Ms. Katie reading, *My Friends and Me* (<https://bit.ly/3y4o6zd>) or an alternative video Ali Ayars reading this book (<https://bit.ly/3Dv3Wj7>)
- Worksheet 1: *Family Type Tally Sheet*
- Teacher Resource 1: *Sample Letter*

Lesson 5.2: *Playground Prejudice*

- Video: “Get Along Monsters: Don’t Call Me Names” (<https://bit.ly/3IsOWpG>)
- Teacher Resource 1: *Survey Tool*
- Worksheet 1: *Task 1—Notice and Wonder Data* from the Gay, Lesbian and Straight Education Network (GLSEN) survey, “Playgrounds and Prejudice: Elementary School Climate in the United States” (<https://bit.ly/3ItWMPF>)
- Worksheet 2: *Task 2—Task Cards*
- Worksheet 3: *Task 3*

Lesson 5.3: *Who Appears in Billboards?*

- Worksheet 1: *Making Sense of Your Research*

Lesson 5.4: *Family Story Problems*

- Book: *Children’s Mathematics: Cognitively Guided Instruction* by T. Carpenter and colleagues (2015)
- Worksheet 1: *Sketch and Solve Template*

Lesson 5.5: *Exploring Maskmatics! Sociocultural and Environmental Concerns With Disposable Masks During COVID-19*

- Article and Graph: “More Americans say they are regularly wearing masks in stores and other businesses,” by Stefanie Kramer, *Pew Center Research*, August 27, 2020 (<https://pewrsr.ch/31ua2U3>)
- Article and Graph: “Wear a mask? Yes, always wear a mask,” *Institute for Health Metrics and Evaluation*, June 18, 2020 (<https://bit.ly/339K8Ft>)
- Video: “Pandemic Pollution: Disposable Masks, Gloves Are Saving Lives But Ruining the Environment,” by Stephanie Sy and Lorna Baldwin, *PBS News*, April 22, 2021 (<https://to.pbs.org/3lwbPs7>)
- Article: “Where did 5,500 tonnes of plastic waste from masks end up?” by Jenny Yeh, *Greenpeace*, August 14, 2020 (<https://bit.ly/3rJLeIx>)
- Article: “Three million masks every minute: how Covid-19 is choking the planet,” *The Straits Times*, January 9, 2021 (<https://bit.ly/3ow2pF2>)
- Website: Centers for Disease Control and Prevention (CDC) stance on face coverings (<https://bit.ly/339xshV>)
- Worksheet 1: *Mask Disposal Data Collection Sheet*

Optional

- Article: “Living with facemasks: How to stow them, reuse disposables and more,” by Emily Chung, *CBC News*, August 6, 2020 (<https://bit.ly/3rIJzgO>)
- Article: “All about the Coronavirus,” *Junior Scholastic*, September 18, 2020 (<https://bit.ly/3lvytB6>)
- Article: “Face masks: What the data say,” by Lynne Peeples, *Nature*, October 6, 2020 (<https://go.nature.com/3dtq2b7>)
- Article: “Face masks: New solutions to reduce their negative impact on the environment,” by Abigail Saltmarsh, *Medical Expo*, January 6, 2021 (<https://bit.ly/3EunCVw>)
- Article: “How to stop discarded face masks from polluting the planet,” by Laura Parker, *National Geographic*, April 14, 2021 (<https://on.natgeo.com/3dAhGyh>)
- Family Resource: “Coronavirus (COVID-19): Kids and Masks,” Nemours Children’s Health (<https://bit.ly/31Ewf1p>)
- Poster: “All About Masks,” *Sesame Street* (<https://bit.ly/3y6XwWb>)
- Poster: “Be a Mask Hero,” *Junior Scholastic* (<https://bit.ly/3GsVa7f>)
- Tutorial: “How to Make a Facemask,” *CBC Kids News* (<https://bit.ly/3drK85J>)
- Video: “Covid-19: Does Your Kid Really Need a Mask?” from NOVA (<https://to.pbs.org/3y7ywOO>)
- Website: Mayo Clinic Network, “Benefits of Kids Wearing Masks in School.” (<https://mayoclinic/3rLrxKg>)

Lesson 5.6: Challenging Ableist Assumptions in Mathematics Problems

Picture Books

- *The Bug Girl* by Sophia Spencer
- *Emmanuel’s Dream: The True Story of Emmanuel Ofosu Yeboah* by Laurie Ann Thompson and Sean Qualls
- *Hello Goodbye Dog* by Maria Gianferrari
- *I Am Not a Label* by Cerrie Burnell
- *A Kids Book About Disabilities* by Kristine Napper
- *Mama Zooms* by Jane Cowen-Fletcher
- *Rescue and Jessica: A Life-Changing Friendship* by Jessica Kensky and Patrick Downes
- *Terry Fox and Me* by Mary Beth Leatherdale
- *What Happened to You?* by James Catchpole and Karen George

Chapter Books

These may be more appropriate for older grades.

- *Braced* by Alyson Gerber
- *Roll With It* by Jamie Sumner
- *Intersectional Allies: We Make Room for All* by Chelsea Johnson, LaToya Council, and Carolyn Choi

Reference Books for You

- *Critical Literacy Across the K-6 Curriculum* by Vivian Maria Vasquez

Additional Resources

- Article: “How to talk to your kid about disabilities,” by Caroline Bologna, *Huffington Post*, March 1, 2021 (<https://bit.ly/32Svi68>)
- Lesson: Learning for Justice, “Picturing Accessibility: Art, Activism and Physical Disabilities” (<https://bit.ly/3oeLVkC>)
- Lesson: Learning for Justice, “What Is Ableism?” (<https://bit.ly/3oe0kh9>)
- Lesson: Learning for Justice, “What Is a Disability?” (<https://bit.ly/3lrFFUG>)

Lesson 6.1: “*Tu lucha es mi lucha*”: Mathematics for Movement Building

- Book: *Journey for Justice: The Life of Larry Itliong* by Dawn B. Mabalon and Gayle Romasanta
- Video: “AAPI Civil Rights Heroes—Asian Americans Advancing Justice,” from the Zinn Education Project (<https://bit.ly/32F9r1N>) (Scroll down the page to find the video.)
- Article: “Farmworker Wages in California,” by Philip Martin and Daniel Costa, *Economic Policy Institute Working Economics Blog*, March 21, 2017 (<https://bit.ly/3rMdS5E>)
- Article: “Mapping UFW strikes, boycotts, and farm worker actions 1965–1975,” by Katie Anastas, Civil Rights and Labor History Consortium (<https://bit.ly/3EBYHiO>)
- PBS Documentary: *The Farm Worker Movement* (<https://bit.ly/2ZljzWq>)
- Worksheet 1: *Place Value Chart* (Lesson 2 for decimal understanding and representation)
- Worksheet 2: *Making Sense of the Wages* (Lesson 2 for understanding what workers earned)
- Teacher Resource 1: *Resources for the Gallery Review* (Lesson 3)

Lesson 6.2: Exploring Equitable Pay for Work

- Worksheet 1: *Data Suggesting Wage Inequalities*
- Article: “Gender pay gap in U.S. held steady in 2020,” by Amanda Barroso and Anna Brown, *Pew Research Center* (<https://pewrsr.ch/3y3K6dJ>)
- Article: “Quick facts about the gender wage gap,” *Center for American Progress* (<https://ampr.gs/3Ev42IN>)
- Article: Survey data from “The state of the gender pay gap in 2021,” *Payscale* (<https://bit.ly/3IMLMn0>)

Websites

- President John F. Kennedy signing the Equal Pay Act (<https://bit.ly/3GjMla0>)
- Encountering Racism with Courage and Protest: Protest for Equal Pay (<https://bit.ly/3y5tbaC>)
- Equal Pay for Native Women (go to <http://www.equalpaytoday.org> and find the link for Native Women)
- Latina Equal Pay Day (<https://www.latinaequalpay.org/about>)

Articles

- “The fight for equal pay . . . 40 years on,” by Jo Revill, *The Guardian*, May 31, 2008 (<https://bit.ly/3oxupYY>)
- “1970 Women’s Strike for Equality” by Linda Napikoski, *Thought.Co*, February 24, 2019 (<https://bit.ly/3rJCQT9>)
- “Equal Pay Day: Women rally against wage gap, workplace discrimination,” *NBC News*, April 4, 2017 (<https://nbcnews.to/3EPHnqZ>)
- “Equal Pay Day for Asian American and Pacific Islander Women,” from the Feminist Majority Foundation (<https://bit.ly/3lsvA3T>)
- “Equal Pay for Black Women,” from National Women’s Law Center (<https://bit.ly/3ozVevE>)

- “Those with disabilities earn 37% less on average; Gap even wider in some states,” American Institutes for Research (<https://bit.ly/3DuPuaF>)
- “The gay and transgender pay gap,” by Center for American Progress (<https://amp.rg/3EEVOOK>)
- “Before Team USA Women’s Hockey won Olympic gold, they won equality off the ice,” by Alix Langone, *Money*, February 18, 2018 (<https://bit.ly/33bSIJl>)
- “The root of WNBA players’ argument about gender wage gap,” by Adam Grosbard, *The Atlanta Journal Constitution*, June 28, 2018 (<https://bit.ly/3lrB3YK>)

Optional

- Book: *Joelito’s Big Decision/La Fan Decision do Joelito* by Ann Berlak
- Article: “U.S. women’s soccer won 4 World Cups. Now can they score equal pay?” by Gretchen Frazee and Yasmeen Alamiri, *PBS News Hour*, July 8, 2019 (<https://to.pbs.org/3lvy1m7>)
- Article: “How to bridge that stubborn pay gap,” by Claire Cain Miller, *The New York Times*, January 15, 2016 (<https://nyti.ms/3lvvx7u>)
- Article: “Actions and Words; They Bring Change” public learning plan, from Learning for Justice (<https://bit.ly/3lvcoCF>)

Lesson 6.3: Modeling Library Funding

- Video: “How America’s Public Schools Keep Kids in Poverty,” from Kandice Sumner, TED (<https://bit.ly/3IMxNh4>)
- Teacher Resource 1: *Three Images of Library Books*
- Teacher Resource 2: *Data Tables*

Lesson 6.4: The Value of a School Lunch

- Worksheet 1: *Wants vs. Needs*
- Worksheet 2: *What Fraction of Your Recommended Daily Value Is in Our School Lunch?*
- Teacher Resource 1: *Incorporating Decimals via Money Calculations* (Optional Extension Activity)
- Student Resource 1: *What Is the Cost of School Lunch?* (Extension Worksheet)
- Video: “The Cost of Food Insecurity in Schools,” from the Health Forward Foundation (<https://bit.ly/3rQcw9U>)

Lesson 6.5: More Than an Athlete

- Worksheet 1: *Roster Selection and Justification Sheet*

Websites

- NBA All-Star Roster (<https://www.nba.com/2021-all-star-roster>)
- 2021 NBA All-Star Game Guide for background information about the All-Star Game player selection (<https://www.nbcsports.com/philadelphia/sixers/nba-all-star-2021-complete-guide-rosters-updated-for-mat-and-more>)
- Jr. NBA resource to support understanding of NBA statistics (<https://jr.nba.com/how-to-read-a-box-score/>)

Videos

- James Harden (<https://youtu.be/YeeDMFF9WUk>)
- Giannis Antetokounmpo (<https://youtu.be/qdgc5yitWHg>)

Lesson 6.6: Your Action Saves Lives: COVID-19 and Systems Thinking

- Article: “Talking to Children About COVID-19,” from *Sesame Street* (<https://bit.ly/3DxiwXr>)
- Website: The COVID Tracking Project racial demographics for your state (<https://bit.ly/3lu1WLP>)
- Student Resource 1: *Decimals Chart*
- Article: “Why COVID-19 Is a Social Justice Issue,” by Jai Phillips, *LATogether*, May 15, 2020 (<https://bit.ly/3pF20zz>)
- Activity: Talking About COVID-19 With Children (<https://sesamestreetincommunities.org/activities/talking-about-covid-19-with-children/>)

Lesson 7.1: Water Is Our Right, Water Is Our Responsibility

- Book: *We Are Water Protectors* by Carole Lindstrom
- Video: “Why Care About Water?” from *National Geographic* (<https://bit.ly/3ya2OjG>)
- Image from article: “Judge orders Dakota Access Pipeline spill response plan, with tribe’s input,” by Phil McKenna, *Inside Climate News*, December 5, 2017 (<https://bit.ly/3oEjXyN>)
- Video: “Dakota Access Pipeline Explained: What Is It, Why Are People Protesting It, and What Happens Next?” by Mythili Sampathkumar, *Independent*, January 24, 2017 (<https://bit.ly/3ybZdBH>)
- Maps from article: “These maps help fill the gaps on the Dakota Access Pipeline,” by Lyndsey Gilpin, *High Country News*, November 5, 2016 (<https://bit.ly/3IBPwkY>)
- Article: “Oil, water, and steel: The Dakota Access Pipeline,” *Earth Justice* (<https://bit.ly/31MX1Vv>)
- Article: “Keystone Pipeline History,” Mark Hefflinger, *Bold Nebraska*, November 7, 2019 (<https://bit.ly/3dF4isO>)
- Worksheet 1: *Say, Mean, Matter Graphic Organizer*
- Teacher Resource 1: *How Much Water Do We Use?* (PowerPoint slides)

Lesson 7.2: Upper Elementary Mathematics to Explore People Represented in Our World and Community

- Book: *If the World Were a Village: A Book About the World’s People* by D. J. Smith (2011)
- Website: 100 People, “A World Portrait” (<https://www.100people.org/statistics-100-people/>)
- Teacher Resource 1: *Additional Video Resources With Characteristics Mentioned in Each*

Lesson 7.3: Single-Use Plastics

- Teacher Resource 1: *Single-Use Plastics* (PowerPoint slides)
- Book: *Sip the Straw* by Sam Keck Scott and Woody Heffern (optional)
- Video: “How Much Plastic Is in the Ocean?” from PBS (<https://to.pbs.org/3DHIRTF>)
- Video: “Straw No More,” from TEDx (<https://bit.ly/3DGClcl>)
- Website: Straw No More (<https://www.strawnomore.org>)
- Article: “This 10-year-old girl is ending plastic straw pollution,” from 1millionwomen.com, June 6, 2018 (<https://bit.ly/3ye3yof>)
- Article: “Shelby O’Neil targets plastic straws in Girl Scout project,” by Zoe Papadakis, *Newsmax*, March 19, 2022 (<https://www.newsmax.com/thewire/shelby-oneil-plastic-straws-girl-scout/2018/06/25/id/868144/?msclkid=8abd1f39a7b711ec9352c28f0680ee12>)
- Website: United Nations Environment Programme, “Beat Plastic Pollution” (<https://bit.ly/3oFvg1d>)
- Website: National Conference of State Legislatures, “State Plastic Bag Legislation” (<https://bit.ly/31KPtI1>)
- Website: Footprint Foundation, “Single-Use Plastic Legislation: U.S. Bans at a Glance” (<https://bit.ly/3GzETxl>)
- Website: Earthday, “Fact Sheet on Plastic Bag Data” (<https://bit.ly/3lUbZQr>)
- Article: “Reducing plastic as a family is easy: Here’s how,” by Allyson Shaw, *National Geographic*, June 4, 2018 (<https://on.natgeo.com/3dDaGkv>)

Optional Resources or Background

- Movie: *A Plastic Ocean* (<https://imdb.to/3oFTeSz>)
- Website: NRDC, “Single-Use Plastics 101” (<https://on.nrdc.org/3dHyCD2>)
- Instructional activities were informed by the following articles on microplastics in our immediate environment (what we eat, drink, and breathe).
 - + “Most dust motes in our homes are unsafe microplastics, and the Saharan dust cloud may bring more,” by Jeff McMahon, *Forbes*, June 28, 2020 (<https://bit.ly/3DLtY1r>)
 - + “Revealed: plastic ingestion by people could be equating to a credit card a week,” by WWF-Australia, June 12, 2019 (<https://bit.ly/3rR67LD>)
 - + “How to eat less plastic,” by Kevin Loria, *Consumer Reports*, April 30, 2020 (<https://www.consumer-reports.org/health-wellness/how-to-eat-less-plastic-microplastics-in-food-water-a8899165110/>)
 - + “The average person eats thousands of plastic particles every year, study finds,” by Sarah Gibbens, *National Geographic*, June 5, 2019 (<https://on.natgeo.com/3oFVskT>)
- “We’re all eating a credit card’s worth of PLASTIC each week: Shocking graphics reveal how many millions of sesame-seed size microplastics humans ingest over a month, a year, a decade and a lifetime,” by Jonathan Chadwick, *Daily Mail Online*, December 30, 2019 (<https://bit.ly/3oDqzh6>)