# English Language Arts

- Following instructions and understanding the concept of heat causing plastic to shrink when making the shrinky dinks.
- Developing creativity and self-expression through designing and drawing the shrinky dinks.
- Practicing descriptive writing by creating a story or poem inspired by the shrinky dink designs.

## History

- Learning about the origins of shrinky dinks and its historical significance as a popular craft activity.
- Understanding the cultural and artistic influences on shrinky dinks, linking to various historical periods and art movements.
- Exploring the use of shrinky dinks in creating historical replicas or artifacts from different time periods.

### Math

- Exploring the concept of scale and proportion while designing and drawing designs for the shrinky dinks.
- Understanding the mathematical properties involved in shrinking plastic and the measurements needed to create specific sizes and shapes.
- Practicing geometry and measurement skills when cutting and designing the shrinky dinks.

### Science

- Learning about the properties of plastic and how it reacts to heat, discussing the scientific principles behind shrinky dinks.
- Understanding the concept of polymers and how they change shape under specific conditions, linking to the science of materials.
- Exploring the environmental impact of plastics and discussing potential alternatives for creative activities.

# Social Studies

- Understanding the economic impact of shrinky dinks and how they have been used in commerce and popular culture.
- Exploring the societal trends and influences that have shaped the popularity of shrinky dinks over time.
- Discussing the cultural significance of shrinky dinks in different communities and societies around the world.

For continued development, encourage students to experiment with different designs and colors for their shrinky dinks, exploring various themes and topics from different subjects. They can also research and learn more about the history of shrinky dinks and how they have evolved over time as a popular craft activity.

#### **Book Recommendations**

- <u>The Art of Shrinky Dinks</u> by Sherry Gerstein: A comprehensive guide to creating shrinky dink projects, including design ideas and techniques.
- <u>A Brief History of Plastics</u> by Anthony P. Hall: Explores the history and impact of plastics, providing context for the science behind shrinky dinks.
- <u>Crafty Kids: Fun Projects for You and Your Toddler</u> by Fern Brown: Offers creative craft ideas for kids, including a section on using shrinky dinks for artistic projects.

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