- Understanding the concept of melting: The child learned that perler beads can melt when exposed to heat from an iron.
- Exploring the states of matter: The child observed the transformation of solid perler beads into a liquid state when melted and then back into a solid state when cooled.
- Understanding heat transfer: The child learned that when heated, the perler beads absorbed the heat from the iron, causing them to melt.
- Observing color change: The child noticed that some perler beads changed color when melted, indicating the presence of pigments that were affected by heat.

Tips for continued development:

To further explore the concepts learned from this activity, encourage the child to experiment with different heating temperatures and durations to investigate how they affect the melting process. They can also try using different types of beads or materials to compare their melting points and observe the differences in states of matter. Additionally, you can introduce the concept of heat transfer through conduction by having the child investigate which materials, when placed between the perler beads and the iron, prevent or slow down the melting process.