

- Understanding of the concept of physical properties: The child can observe that Perler beads are solid, have a specific shape, and are made of plastic.
- Understanding of the concept of melting point: The child can learn that Perler beads melt and fuse together when exposed to heat.
- Understanding of the concept of chemical changes: The child can observe that the Perler beads change their chemical structure when melted, forming a new material.
- Understanding of the concept of heat transfer: The child can witness how heat transfers from an iron to the Perler beads, causing them to melt and fuse.

Continued development related to the activity:

Encourage the child to explore other materials with different physical properties and melting points to perform similar experiments. This can broaden their understanding of the concepts learned during the Perler beads activity. Additionally, they can research the science behind melting points and heat transfer to deepen their knowledge.