

Core Skills Analysis

STEM / Design & Technology

- Logan learned to follow step-by-step instructions to create a functional paper craft, practicing fine motor skills through precise folding.
- He enhanced his ability to use digital resources (Google search and YouTube) effectively for independent learning and problem-solving.
- Logan applied spatial reasoning to understand folding techniques that transform a flat sheet into a wearable 3D object.
- He demonstrated iterative design by replicating the paper claws multiple times and adapting the final product to fit fingers.

Creative Arts

- Logan engaged in creative expression by making wearable claws inspired by a character, linking artistic craft to storytelling and character play.
- He explored texture and form by manipulating paper to mimic the look and feel of claws, experimenting with materials to convey an idea visually.
- By creating claws for his sister, Logan practiced sharing creativity and artistic collaboration in a familial context.
- The tactile and visual experience of making claws fostered an understanding of how simple materials can be transformed artistically.

Communication and Digital Literacy

- Logan developed digital literacy skills by successfully finding and comprehending an online tutorial.
- He practiced listening and visual comprehension as he followed a video guide.
- Logan communicated interest and intent through the selection and creation of an object representing a beloved character, deepening symbolic understanding.
- Making claws for others shows Logan's ability to use creative outcomes to connect socially and express kindness.

Tips

To further develop Logan's understanding and skills, encourage him to experiment with different materials such as colored paper, cardboard, or fabric to create claws with varied textures and durability. Introduce basic concepts of measurement and geometry by having him design his own claw templates before folding to customize size and shape. Extend the activity into storytelling by having Logan write a short story or comic strip featuring his Wolverine character wearing the claws, integrating literacy and imagination. Additionally, explore cultural or historical stories about animal symbolism and claws to blend creative arts with social studies.

Book Recommendations

- [Fold and Make: Origami Animals](#) by Tuttle Publishing: A child-friendly guide to folding paper to make various animal crafts, helping develop fine motor skills and understanding of shapes.
- [Marvel Adventures Wolverine](#) by Sean McKeever: An age-appropriate comic featuring Wolverine that can inspire creative play and storytelling around the character.
- [Paper Engineering for Kids: Learn to Make Pop-Ups, Moveable Cards, and More!](#) by Carolyn Wong: A hands-on book introducing young learners to the basics of paper engineering, enhancing design thinking through fun projects.

Learning Standards

- STE-DDT-01: Uses a design process to create products to address user needs (making wearable claws).
- STE-PQU-01: Poses questions and uses digital tools to investigate and follow tutorial steps (researching via Google and YouTube).
- CA1-VIS-01: Makes artworks using materials and techniques to represent ideas (transforming paper into claws).
- ENE-OLC-01: Communicates effectively using interpersonal language by sharing creations with others (making claws for sister).

Try This Next

- Design your own claw templates on graph paper before folding, then measure and adjust sizes to fit your fingers perfectly.
- Write a short story or comic strip featuring your paper claws and how your character uses them in an adventure.

Growth Beyond Academics

This activity shows Logan's curiosity and self-directed learning, as he independently researched and completed a complex craft. His effort to create claws for his sister reflects empathy and a desire to share joy, indicating positive social development and confidence in his creative skills.