



Digi Teachers Working Online Toolkit

3D Impression & FDM – Fused Depositive Material

WHY:

- Promoting Creativity
- Enhancing Problem-Solving Skills
- Facilitating Collaboration:
- Promoting Independence
- Increasing Confidence

WHO: Right now, only professionals use it (occupational therapist and mechanical engineer); however, there will be a training on how to use it for other professionals as well as people with support needs. Everyone can participate in the design of the product and help to see if it actually works.

WHAT: The machine can create different objects to help different people with support needs. Encourage individuals to conceptualize, design, and create objects using 3D modeling software, fostering their creativity and imagination. Engage individuals in real-life problem-solving by identifying challenges faced by those with disabilities and designing solutions through 3D printing. Encourage teamwork and collaboration by working together on designing, refining, and creating objects that cater to the specific needs of individuals with disabilities. Provide opportunities for individuals to witness the tangible results of their creations, boosting their self-esteem and confidence in their abilities.

WHICH: Rapid Prototyping machine and 3D Machine

HOW: Check the video on YouTube: <https://youtu.be/6Cj1wvH6d7k>

