Online Resources for Finding and Fabricating 3D-Printed Models and Assistive Technology

Program / Resource	Cost	Benefits	Limitations
MakerWorld https://makerworld.com/en	Free	Large model library; beginner-friendly; integrated with Bambu Studio and Bambu printers; many models include ready-to-print profiles	Best integrated with Bambu printers; community models vary in quality, documentation, and maintenance; not specifically designed or validated for AT
Printables https://www.printables.com/	Free; some paid content	Large, well-organized model library; strong maker community; ratings, comments, print photos, and instructions can help identify reliable designs; works with many printer brands	Community-uploaded models vary in quality; AT-specific models may require targeted searching; models are not clinically vetted
Creality Cloud https://www.crealitycloud.com/	Free; some paid/premium content	Large model library; integrated slicing and printing options; convenient for Creality users; streamlined model-to-print workflow	Strongest within the Creality ecosystem; some features may require payment; broad hobbyist focus with limited AT-specific screening
Thingiverse https://www.thingiverse.com/	Free	Very large, long-established repository; many free and remixable designs; includes grips, holders, writing aids, wheelchair mounts, tactile resources, splints, and	Older files may not be maintained; instructions and print quality vary considerably; search can be overwhelming; community designs are not

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		other adaptive equipment	automatically safe or appropriate for clinical use
Cults3D https://cults3d.com/	Free and paid models	Large selection; useful for finding specialized or unusual designs; includes professional and hobbyist creators	Many designs require purchase; licenses vary; modification and redistribution may be restricted; not AT-specific or clinically vetted
Makers Making Change https://www.makersmakingchange.com/assistive-devices	Mostly free/open-source designs; fabrication may involve material costs	Excellent AT-specific resource; large collection of adaptive devices; categories include daily living, writing, switches, AAC, mounting, gaming, low vision, and other accessibility tools; users can download designs, request devices, volunteer as makers, or join chapters	Some devices require additional hardware, electronics, assembly, or fabrication skills; not every design is appropriate for every user; availability of maker support varies geographically
MakeGood https://makegood.design/devices	Free downloadable designs; some programs provide fabricated devices	Strong disability- and AT-focused design approach; includes writing aids, wheelchair accessories, vision aids, mobility devices, and daily living equipment; emphasizes user involvement, prototyping, testing, and iteration	Smaller library than major model repositories; some designs may be experimental or require customization and professional judgment
TechOWL https://techowlpa.org/	Many resources	Combines assistive technology expertise,	More service-oriented than a

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	and services are free; some services may depend on eligibility	fabrication, education, device services, demonstrations, and community support; useful for clinicians who need help beyond simply downloading a file	large STL repository; some programs and services are specific to Pennsylvania
The Controller Project https://thecontrollerproject.com/	Free/open-source resources	Excellent for adaptive gaming; provides designs and ideas for controller adaptations, joystick access, button modifications, mounts, and other gaming accessibility solutions	Primarily focused on gaming rather than broad AT; some projects require electronics, soldering, or gaming hardware knowledge
e-NABLE https://hub.e-nable.org/p/devices	Free/open-source	International maker community focused on 3D-printed upper-extremity assistive and prosthetic-style devices; provides multiple designs and fabrication guidance	Highly specialized; devices require assessment, accurate sizing, fabrication skills, fitting, monitoring, and follow-up; should not be treated as simple download-and-print prostheses
Makers Making Change Chapters https://www.makersmakingchange.com/chapters	Volunteer/ community based	Helps connect people with disabilities and clinicians with volunteer makers who can fabricate assistive devices; useful when the clinician does not own or operate a printer	Chapter availability varies by location; not every area has local maker support
MakeGood Toddler Mobility Trainer Network https://3d-mobility.org/	Generally free through the program	Connects families, clinicians, makers, schools, and	Highly specialized for pediatric mobility; requires

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		community fabrication resources to provide 3D-printed toddler mobility trainers	appropriate assessment and clinical judgment; some prints require high degree of technical skills
Volksswitch https://volksswitch.org/		AAC grids and support. Ken is awesome!	AAC focused
WATAP – 3D Printed Assistive Technology https://watap.org/3d-printed-assistive-technology	Free	AT examples, files, and clinician-focused files	Limited range of files
University of Puget Sound – OT 643: 3D Printing https://library.pugetsound.edu/OT643/3DPrinting	Free	Occupational therapy–specific 3D printing guide; useful for clinicians and students learning how 3D printing relates to OT and assistive technology; provides curated resources for finding, designing, and printing adaptive devices	Educational guide rather than a large downloadable model repository; available content and external links may change over time; does not replace individualized assessment, safety review, or clinical judgment for client-specific AT
Open Assistive Technology – 3D Printing https://www.openassistivetech.org/category/3d-printing	Free	Assistive technology–specific collection highlighting open-source 3D-printed devices, projects, and accessibility solutions; useful for clinicians and makers looking for examples of customizable AT and community-developed designs	Smaller and less standardized than major model repositories; availability of downloadable files, instructions, and documentation varies by project; designs may require customization,

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			fabrication skills, and user-specific assessment
NIH 3D – VHA Office of Advanced Manufacturing (OAM) https://3d.nih.gov/collections/oam	Free	Veteran focused collection of CAD models, including a dedicated **Assistive Technology** subcollection; emphasizes detailed fabrication/use instructions and collaboration between clinicians and engineers; particularly relevant for healthcare-based 3D printing and patient-specific innovation	More specialized models

Note. The initial organization and wording of this table were generated with assistance from ChatGPT (OpenAI, 2026). The author reviewed, revised, and verified the content and website information before inclusion in this manual.