

Digital Resources for Skilled & Technical Science

Most of these Instructional Materials can be used as part of an instructional program for a district or school. Other Skilled & Technical Science OER resources for individual lesson planning can also be found on our [Nebraska OER Commons hub](#) and can also be used to fill in gaps in curricular content.



Resource (Each with Clickable link)	Grade Level	Topic/Description	Teacher Resource	Student Resource
From the Ground Up	7 – 12	Construction/Narrated by Mike Rowe, <i>From the Ground Up</i> , video series, is a ten part series that shows the construction of the new Raiders Stadium in Las Vegas	YES	NO
Tomorrow's Tech	7 - 12	Automotive/Articles and Videos as resources for instruction	YES	NO
Welding Productivity	7 - 12	Welding/Monthly magazine with articles/ Free subscription, do not ask students to sign-up for subscriptions	YES	NO
TIG Welding	7 - 12	Welding/YouTube video series with Subscription/Do not ask students to subscribe, share individual links	YES	NO
Woodworking	7 - 12	Woodworking/YouTube video series with Subscription/Do not ask students to subscribe, share individual links	YES	NO
Welding - OFW	7 - 12	Welding/YouTube video series with Subscription/Do not ask students to subscribe, share individual links	YES	NO
Welding - MIG	7 - 12	Welding/YouTube video series with Subscription/Do not ask students to subscribe, share individual links	YES	NO
Welding – Plasma Cutting	7 - 12	Welding/YouTube video series with Subscription/Do not ask students to subscribe, share individual links	YES	NO
Construction	7 - 12	Construction/YouTube video series with Subscription/Do not ask students to subscribe, share individual links	YES	NO
Small Engines	7 - 12	Small Engines/YouTube video series with Subscription/Do not ask students to subscribe, share individual links	YES	NO
Welding SMAW	7 - 12	Welding/YouTube video series with Subscription/Do not ask students to subscribe, share individual links	YES	NO

Tech Training	7 - 12	Any/YouTube video series with Subscription/Do not ask students to subscribe, share individual links	YES	NO
StrengthsFinder	7 - 12	Any/YouTube video series with Subscription/Do not ask students to subscribe, share individual links	YES	NO
Tech for Teachers by Mr. Westland	7 - 12	CAD & Tech/YouTube video series with Subscription/Do not ask students to subscribe, share individual links/ Website	YES	NO
CTE Online	7 - 12	ALL/Open Education Resources from CA Dept of Education for all areas of CTE/Lesson plans for teachers	YES	NO
Mr. Foxhoven Creative Engineering project	7 - 8	Engineering/Lesson plan for a project based learning assignment	YES	NO
Haas machine tooling	9 - 12	Machining/Videos, manuals and How to's	YES	NO
ToolingU Videos	9 - 12	Variety/Videos on all types of manufacturing processes	YES	NO
BuildOurNebraska	9 - 12	Construction/Career Information and Articles with problems to solve	YES	NO
Kuder Navigator	7 - 12	Part of the Nebraska Career Connections resources, Complete the linked "Site Information Form" if you have not used this resource before	YES	NO
Harwood Podcast network	7 - 12	CAD/Resources for learning Sketch-Up by podcast/ Youtube videos of same	YES	YES