

Summer At-Home Expedition

Word Search Puzzle



Locate the words in this Goldie's Kids Club puzzle related to blacksmithing and the inventions of Matthew Edel. Use the word bank below, and make sure to search horizontally, vertically and diagonally to complete the puzzle. Answers are available [here](#). Good luck!

H	D	K	T	J	T	E	M	P	E	R	I	N	G	I
B	O	J	F	D	B	B	F	J	C	W	H	I	U	E
W	R	E	M	S	M	L	L	O	U	E	A	N	Q	D
G	H	A	E	S	B	A	H	O	R	D	C	N	U	E
R	P	Y	K	M	U	C	A	D	H	G	G	O	E	L
A	I	M	T	E	C	K	V	S	S	E	E	V	N	S
I	R	C	I	L	K	S	E	H	Q	C	O	A	C	T
N	O	A	N	T	L	M	R	O	T	U	R	T	C	U
B	N	S	G	I	I	I	H	P	C	T	G	I	R	T
I	C	T	T	N	N	T	I	M	T	T	E	O	U	T
N	R	I	T	G	G	H	L	V	T	E	N	N	C	G
D	O	N	N	U	T	P	L	I	E	R	S	P	I	A
E	S	G	V	I	C	L	I	P	P	E	R	L	B	R
R	S	F	X	Q	U	E	N	C	H	I	N	G	L	T
Q	F	E	N	C	E	S	T	R	E	T	C	H	E	R

Word Bank

- **Edel**
- **Blacksmith**
- **Haverhill:** Town in Iowa where Matthew Edel and family settled
- **Buckling:** Buckling is a bend, bulge, wave, etc. in a workpiece
- **Brake:** A brake is a tool for bending sheet metal
- **Casting:** Casting is the process of pouring hot, molten metal into a mold
- **Stuttgart:** Edel was born in or near Stuttgart (in Germany)
- **Fence Stretcher:** Edel invented a fence-stretching device used to repair wire farm fences
- **Grain-Binder:** Edel patented a wire grain-binder for harvesting grain
- **Clipper:** Edel invented the Perfection De-Horning Clipper to clip off the horns of cattle
- **Wedge Cutter:** Edel created the Perfection Wedge Cutter
- **Nut Pliers:** Manufactured pliers in four sizes
- **Hoe:** Edel invented the Garden Weeding and Cultivating Hoe
- **Innovation**
- **Forge:** Heart of a blacksmith shop, a brick or stone-lined furnace
- **Iron Cross:** Decorative iron crosses are common in German cemeteries, Edel brought this tradition to Haverhill
- **Quenching:** The process of rapidly cooling hot metal to alter its properties — usually to harden it
- **Smelting:** The process of heating and melting ore in order to extract metal
- **Crucible:** A container used for melting metals.
- **Tempering:** The process of hardening metal by heating and then quenching it.
- **Shop**