

STEM Works: Truckee Meadows Water Authority

The chemists and water treatment operators at Truckee Meadows Water Authority use science to make sure everyone in the Truckee Meadows has clean and safe drinking water. Unscramble the words below to decode the vocabulary for the processes they use at Truckee Meadows Water Authority.

NANMTONICAT

Grid for unscrambling NANMTONICAT

REISERVRO

Grid for unscrambling REISERVRO

SIIETRPN

Grid for unscrambling SIIETRPN

MWTREAIAN

Grid for unscrambling MWTREAIAN

TRTIDIYBU

Grid for unscrambling TRTIDIYBU

HP

Grid for unscrambling HP

MIEHSTC

Grid for unscrambling MIEHSTC

AAYNLISS

Grid for unscrambling AAYNLISS

FAUOCOCILTLN

Grid for unscrambling FAUOCOCILTLN

EAORTROP

Grid for unscrambling EAORTROP

TNDMEOTIENSAI

Grid for unscrambling TNDMEOTIENSAI

ESACNTOIR

Grid for unscrambling ESACNTOIR

TOLTNFIRIA

Grid for unscrambling TOLTNFIRIA

ABIICRPOETEDL

Grid for unscrambling ABIICRPOETEDL

Word Bank:

FILTRATION – the process of removing contaminants in order to purify

WATER MAIN – A pipe or conduit for conveying water

CONTAMINANT – Something that is or that makes impure

PH – A reading signifying how acidic or base a solution is

PRISTINE – Clean, unsullied, without contamination

FLOCCULATION – A process that clumps and settles particles out of solution

ANALYSIS – A detailed examination of anything complex to understand its nature or to determine its essential features

TURBIDITY – Cloudiness, opacity, clearness of water or other fluid

CHEMIST – Someone who does chemistry, usually as a profession

RESERVOIR – An artificial lake where water is collected and kept in quantity for use

OPERATOR – One that operates a machine or device

PERIODIC TABLE – An arrangement of chemical elements based on the periodic law

REACTIONS – A response to some treatment, situation, or stimulus – in this case chemical

ANSWER KEY: STEM Works: Truckee Meadows Water Authority

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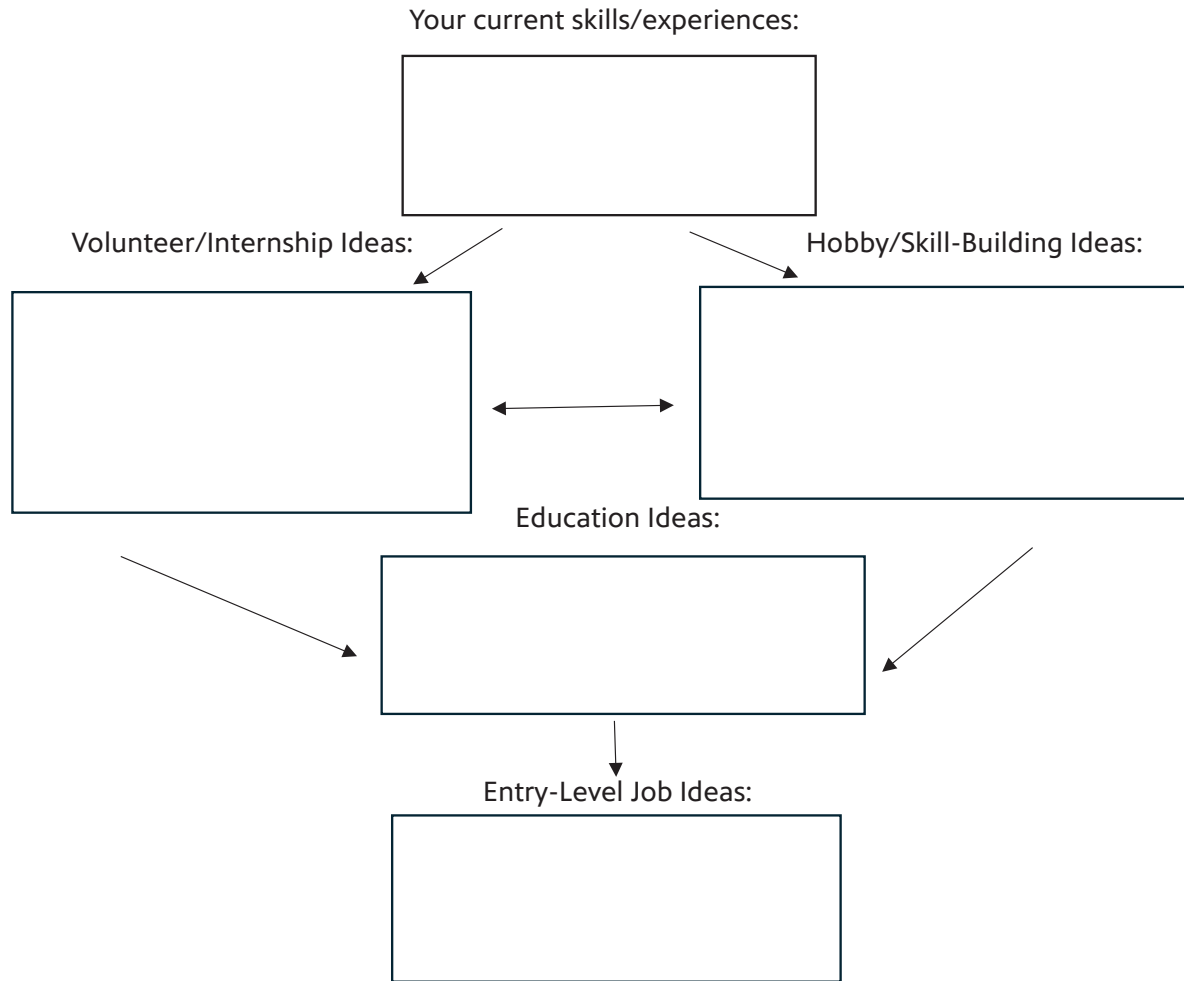
SEDIMENTATION - The action or process of forming or depositing particles.

STEM Works

CLASSROOM ACTIVITY | RESOURCES

How can you work in this STEM Field?

Use the boxes below to brainstorm ways you can build on your current skills, gain experience and education, and make a STEM career in this field a reality!



Congratulations! You've been hired for your dream job at _____!

To explore career maps from some local Nevada educational institutions, check out these links:



[TMCC Career Mapping](#)



[WNC Academic Program Guide](#)



[UNR Career Exploration and Preparation](#)