



Coldstream Structures Inquiry

Structures

- ▶ Structure is an arrangement and organization of interrelated elements in a material object or system, or the object or system so organized. Material structures include man-made objects such as buildings and machines and natural objects such as biological organisms, minerals and chemicals.
- ▶ Structures are things that have a definite size and shape, which serve a definite purpose or function. To perform its function, every part of the structure must resist forces (stresses such as pushes or pulls) that could damage its shape or size.
- ▶ Can be man-made or natural

Ideas for what students can look at

- ▶ Buildings
- ▶ Architecture
- ▶ Green buildings
- ▶ Poetry
- ▶ Artwork
- ▶ Animal habitats
- ▶ Pyramids
- ▶ Totem poles
- ▶ Oak island
- ▶ Free standing towers (CN, Eiffel, Pisa)
- ▶ Schools
- ▶ Languages
- ▶ sewers
- ▶ Body systems
- ▶ Bridges
- ▶ DNA
- ▶ Storytelling
- ▶ Cells
- ▶ Coliseum
- ▶ Stonehenge
- ▶ Space
- ▶ Flexible structures (eg. Parachutes)
- ▶ Mountains
- ▶ Earth's crust
- ▶ Coral reefs

Question Matrix

Q Chart

	is are was	did do does	can	could should would	will	might
Who						
What						
Where						
When						
How						
Why						

General Resources

- ▶ Instructional Leadership Team
Inquiry Resources <https://www.instructionalleadershipteam.com/inquiry-resources>

Provocation Ideas

- ▶ Wonderopolis:
Structures https://wonderopolis.org/wonders?category=&subcategory=&order_by=&q=structures
- ▶ Khan Academy: Story
Structures <https://www.khanacademy.org/partner-content/pixar/storytelling/story-structure/v/piab-storystructure>
- ▶ Instructional Leadership Team Provocation
Resources <https://drive.google.com/drive/folders/1MweWnOL5Ncv9fb-qDp6nyCOpL8zlfjBi>