

Transportation and Consolidation at

Elevalt Ltd.

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Big Ideas:
A structure has both form and function
Structures are affected by forces acting on them
Structures need to be strong and stable to be useful

What are the parts of a building?
Form:
Function:

Chart
Let's sort together...



What are structures?
Think
Pair
Share
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Big Idea
Form:
Function:
A structure is made up of different parts that work together to support the purpose of each structure.
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Structures:
The shape of a structure depends on what it does. The strength of a structure depends on its shape and what it is made of.



- Experiment**
- Group A**
Create a Tunnel
What shape does your town in a tunnel?
 - Group B**
Create a Bridge
What shapes are used when creating a bridge?
 - Group C**
Create a wall
- Worksheet

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Big Ideas:
A structure has both form and function
Structures are affected by forces acting on them
Structures need to be strong and stable to be useful

What are the parts of a building?
Lesson plan
Learning Objectives: Identify the building and its parts and explain the purpose of each part. Identify the different parts of the building.

Chart
Let's sort together...



What are structures?
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Form
Function
Big Idea
A structure is made-up of different parts. The parts are put together in a way that suits the purpose of each structure.
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Interesting Facts
From: BBC Bitesize
Science: How



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Structures:
The shape of a structure depends on what it does. The strength of a structure depends on its shape and what it is made of.

Group A
Create a Tunnel
What shape have you seen in a tunnel?

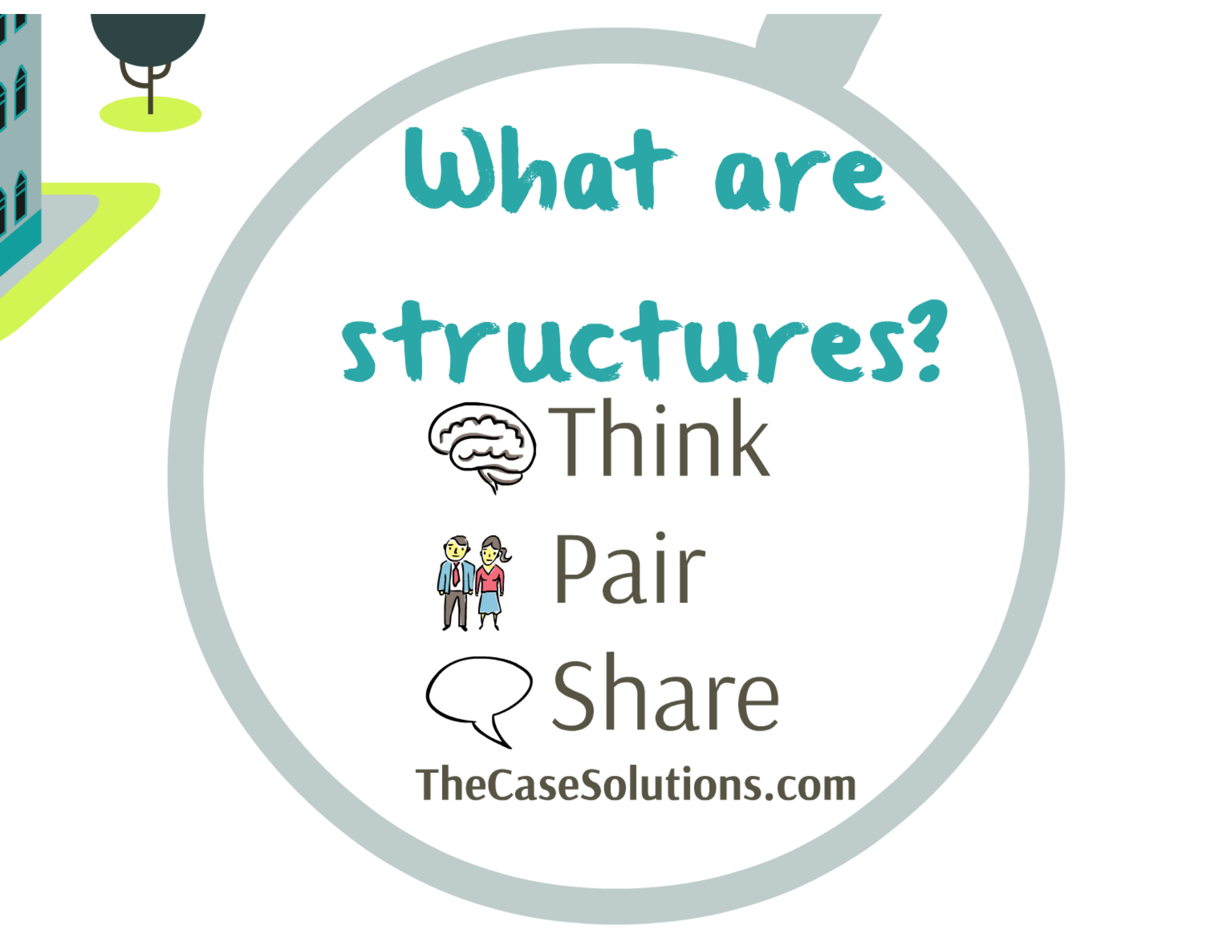
Group B
Create a Bridge
What shapes are used when creating a bridge?

Group C
Create a wall

Worksheet

Experiment





What are structures?



Think



Pair

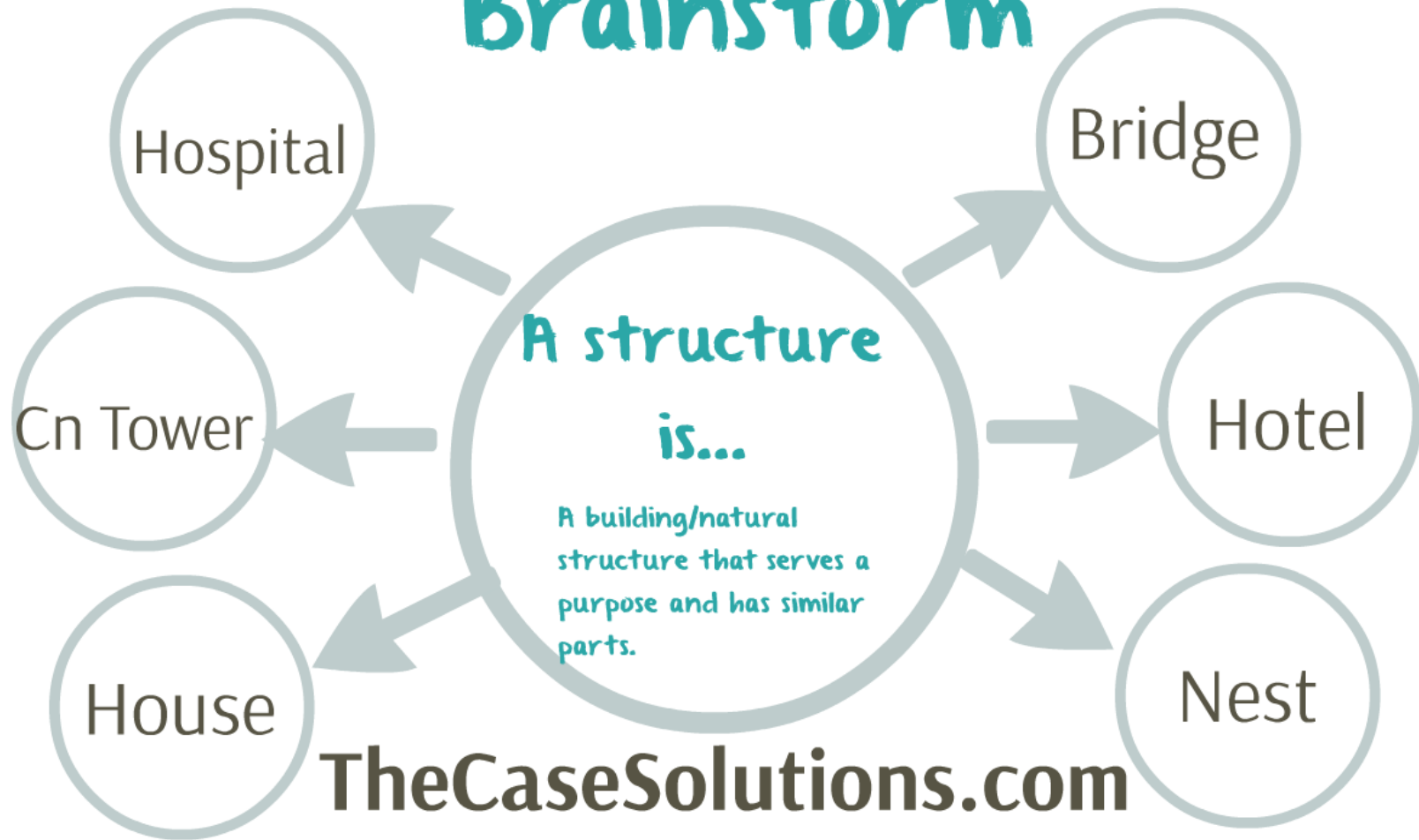


Share

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Brainstorm



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Structures

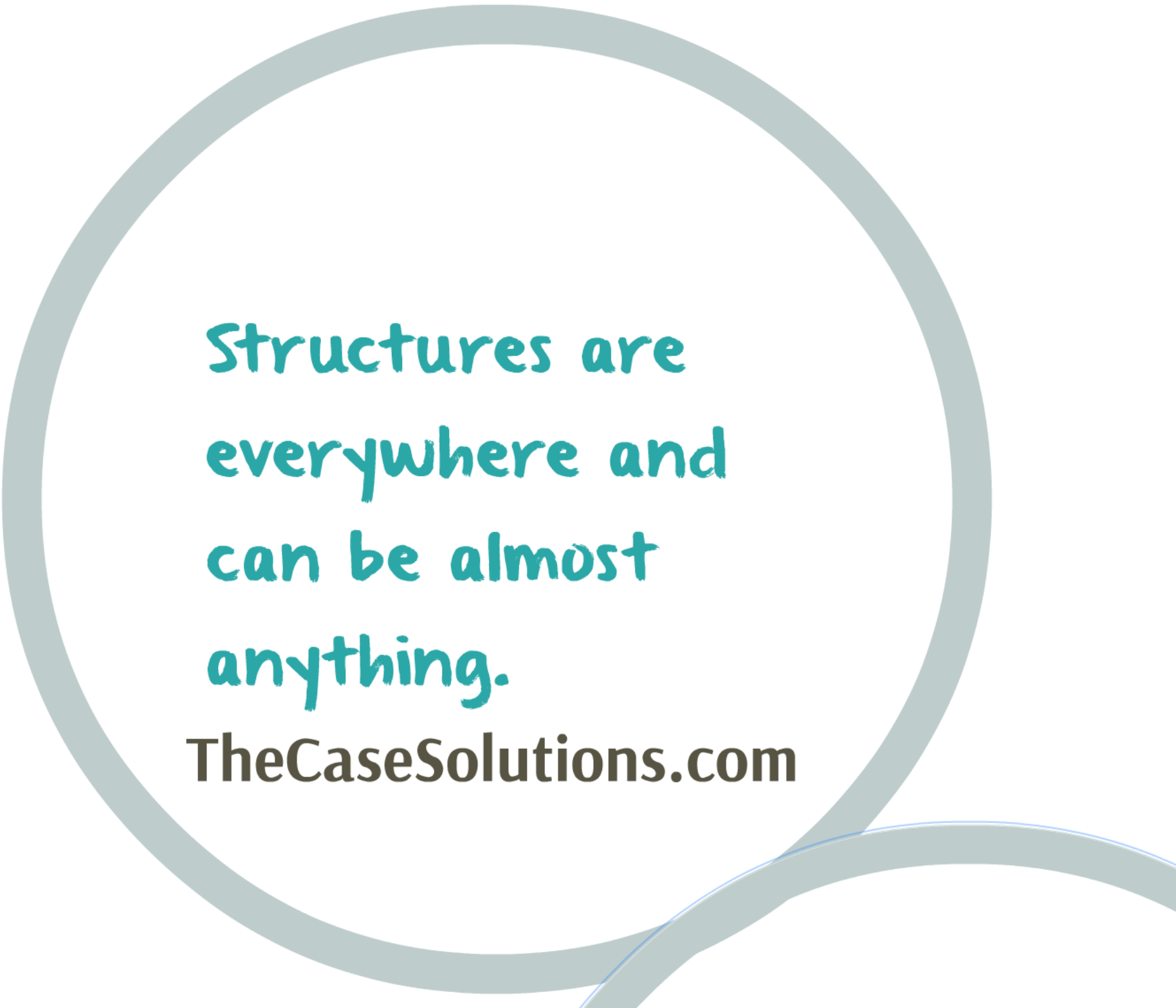
The shape of a structure depends on what it does. The strength of a structure depends on its shape and what it is made of.

Big Idea

A structure is made up of different parts.

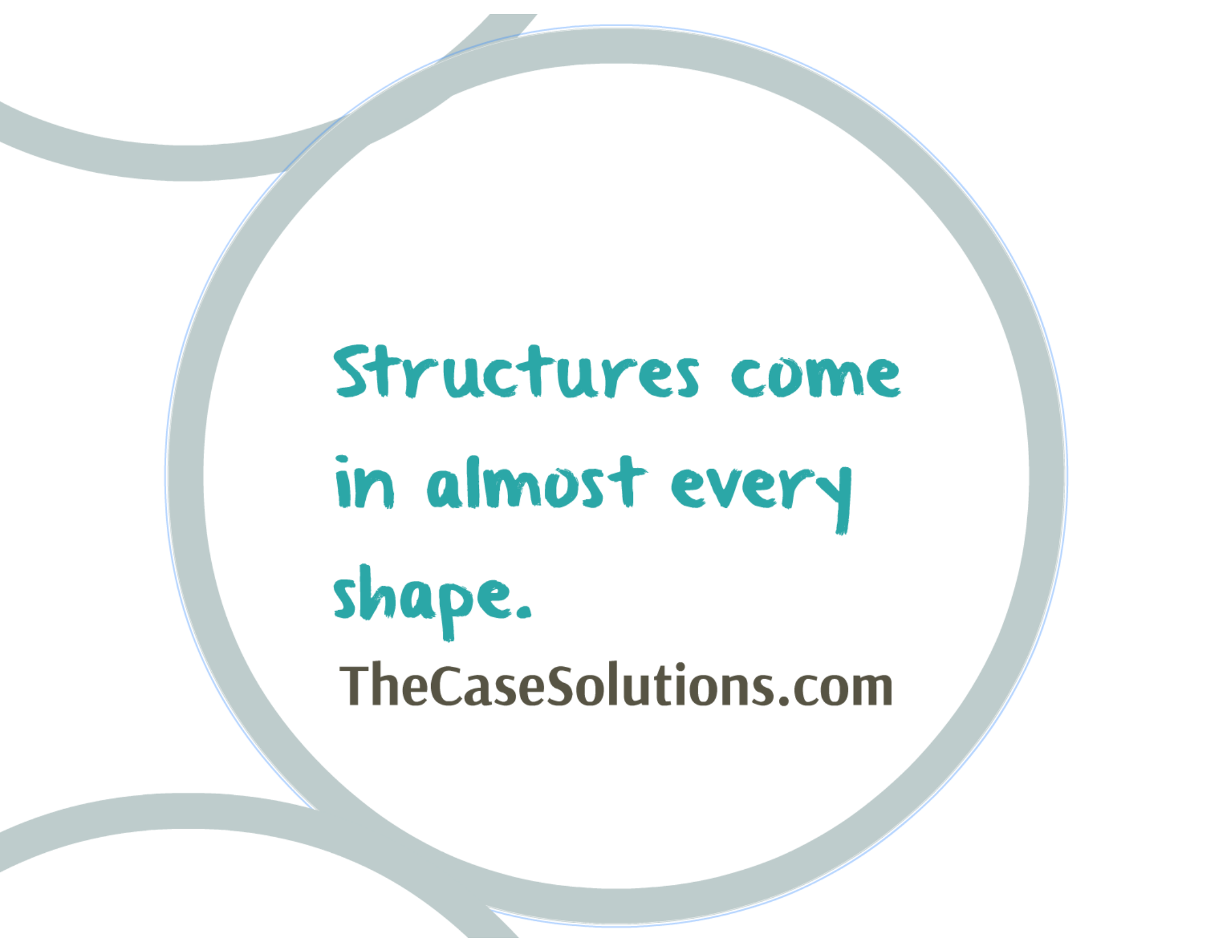
The parts are put together in a way that suits the purpose of each structure.

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Structures are
everywhere and
can be almost
anything.

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**Structures come
in almost every
shape.**

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**Tension and
Compression make
structures work.
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