

K-3

Acorn or Pine Cone



Multi-coloured Leaf



Flat Stone



Ant



Wood Bug



2 Non-living thing

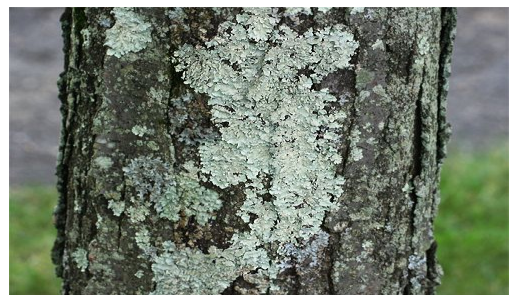


best-clipart.com

Hole in a tree



Lichen



# Provocations for a Nature STEM challenge



# Ask your learners:

Who might live in this house?

What foods could a creature of this size find in nature?

What's the difference between a house and a home?

How can you protect your nature structure from wind?

How can you protect your nature structure from rain?



Grade  
4-5

Nature Structures

# Provocations



## Structure Considerations

Notice or think about a structure you find in nature  
(nest, web, hive, dam etc...)

Discuss with your group:

What is the shape of the structure?

What natural materials is the structure made of?

How is the structure held together (what bracing, glue or fasteners are used in the natural world)?

What makes the structure stable or safe in its' location?

Sketch of the nature made structure:



# Human Made Nature Structure

My thinking  
&  
Planning:

Natural materials  
required for construction:

The bracing or fasteners I  
will use to make my  
structure secure.

Safety Features  
of my structure



## Human-made Structure

What is the shape of your structure?

What natural materials is the structure made of?

How is the structure held together?

What makes the structure stable or safe in its' location?

What was the biggest obstacle to overcome when constructing your structure?

How did you overcome the obstacle?

Sketch your structure.

