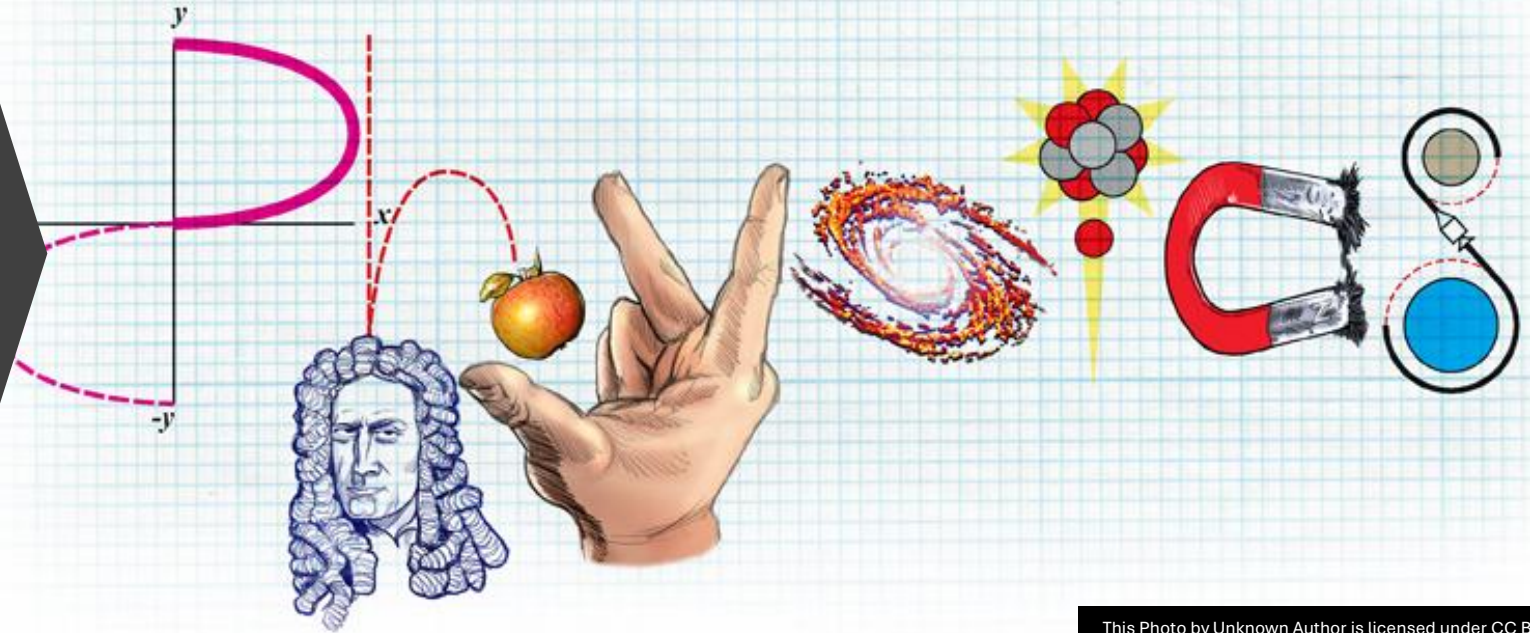


SCENIC SCIENCE LESSON 2A

OUR PHYSICS TIMELINE



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INVENTIONS THROUGH TIME

From our Earliest Days we have explored physics...

- Pulling
- Pushing
- Dropping
- Moving

Exploring matter, motion, and everything we can touch



GOD'S WORKMANSHIP...

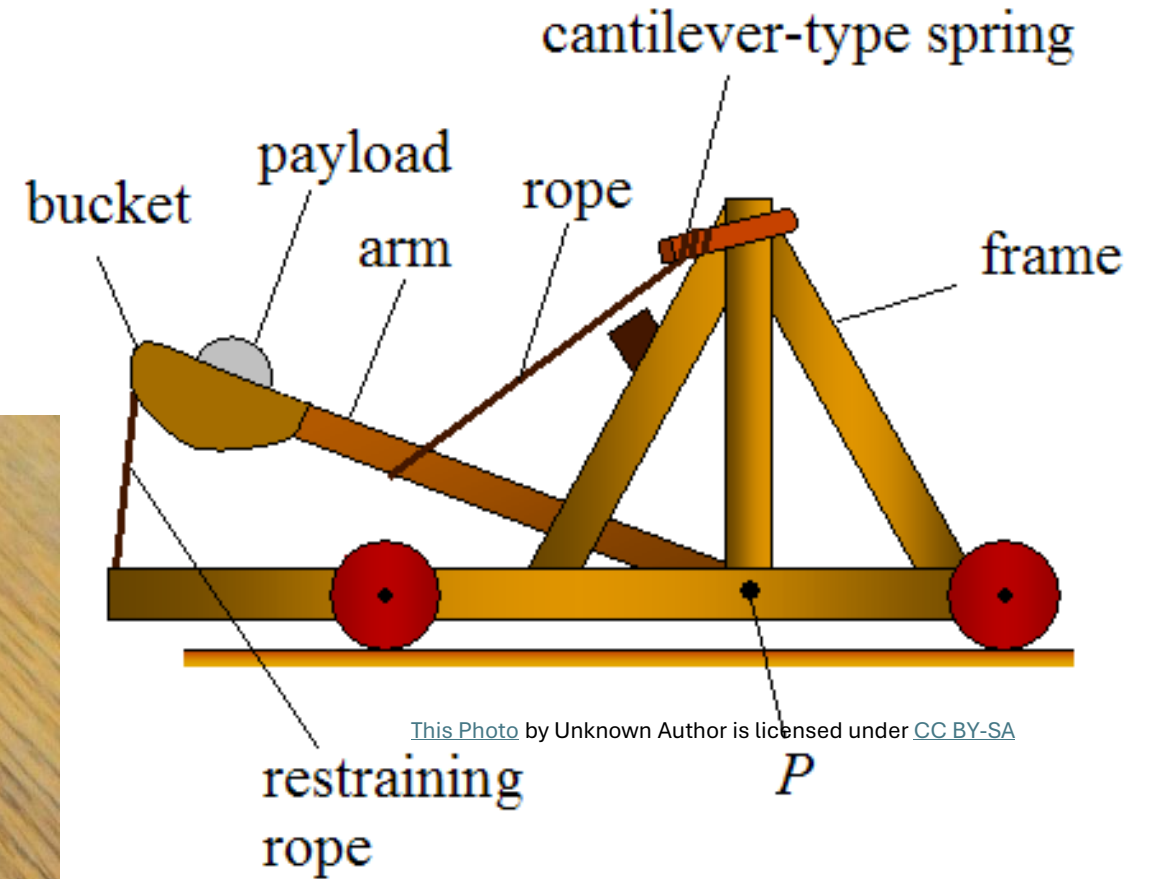
WORKMANSHIP... the degree of skill with which something is made, or a job is done.

1. How does creation show God's workmanship?
2. What "good works" are we designed to do?



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A Machine/Tool Lever You Can Make



- Make your own catapult
 - Rubberbands, glue/cap, & sticks

TIMELINE (History):

**4000 BC – 2400 BC (to the Flood)
called the BRONZE AGE:**

Many cities were founded,
specialized work begins including
metallurgy and ship building.

WORKING INVENTIONS

Metals + levers + wedges = new
tools, better equipment

Boats travel rivers and the
Mediterranean Sea coast.

EGYPTIAN CULTURE BEGINS

Stone & Wooden Structures are Designed



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BUILDING BOATS

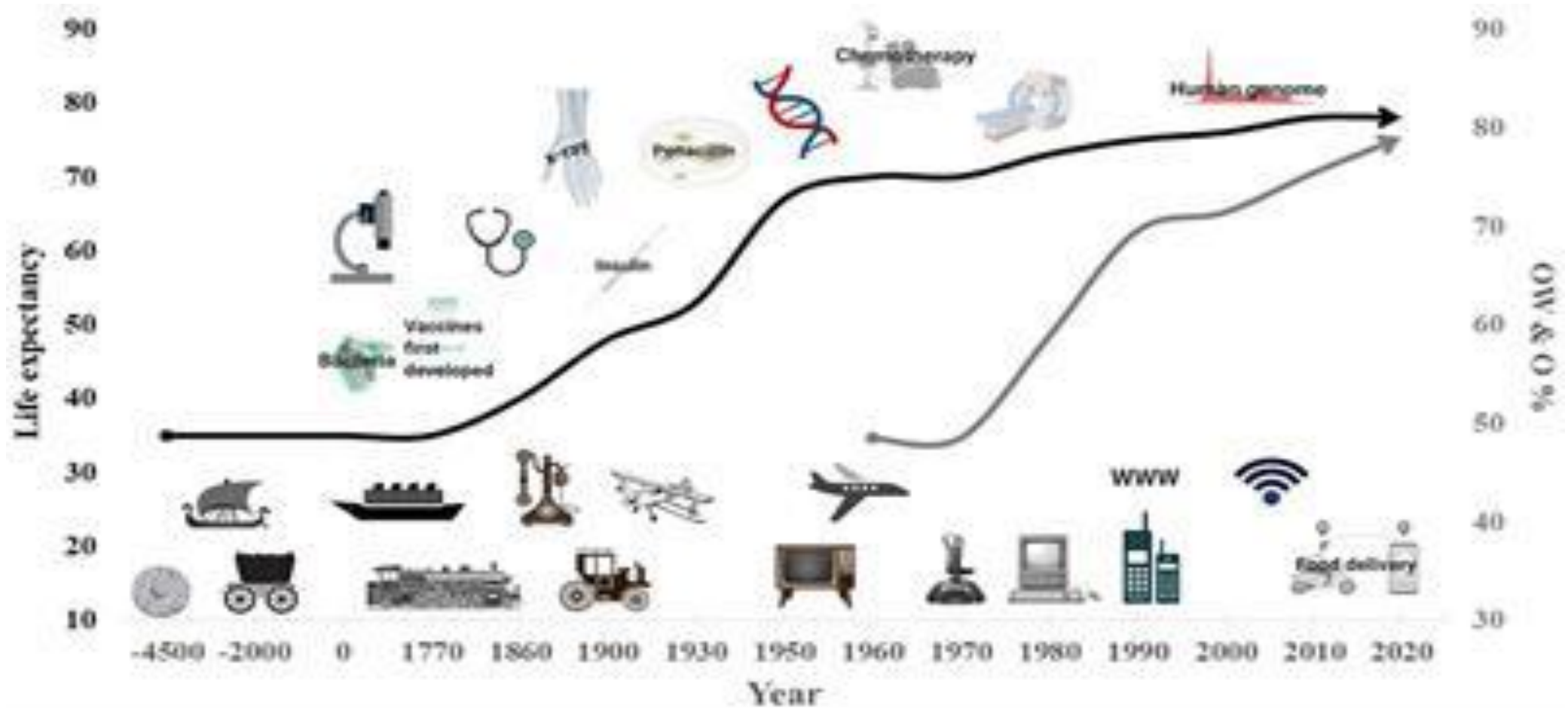
- 4000 BC** EGYPTIANS travel the Nile in boats made of reeds
- 2500 BC** EGYPTIANS build seaworthy wooden boats
- 2500 BC** NOAH builds an enormous wooden boat
- 1500 BC** PHOENICIANS

Phoenicians master trade
Routes around the Mediterranean
Sea after the global flood and the
Tower of Babel



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INVENTION TIMELINE



REVIEW: LEVERS AND PIVOTS

Lever Examples



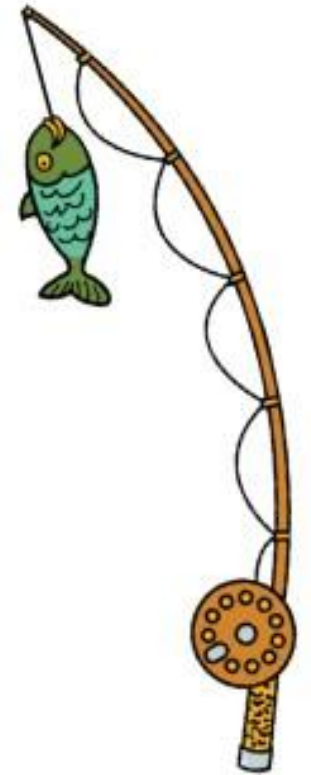
Scissors



Bottle opener



Tongs



Fishing rod

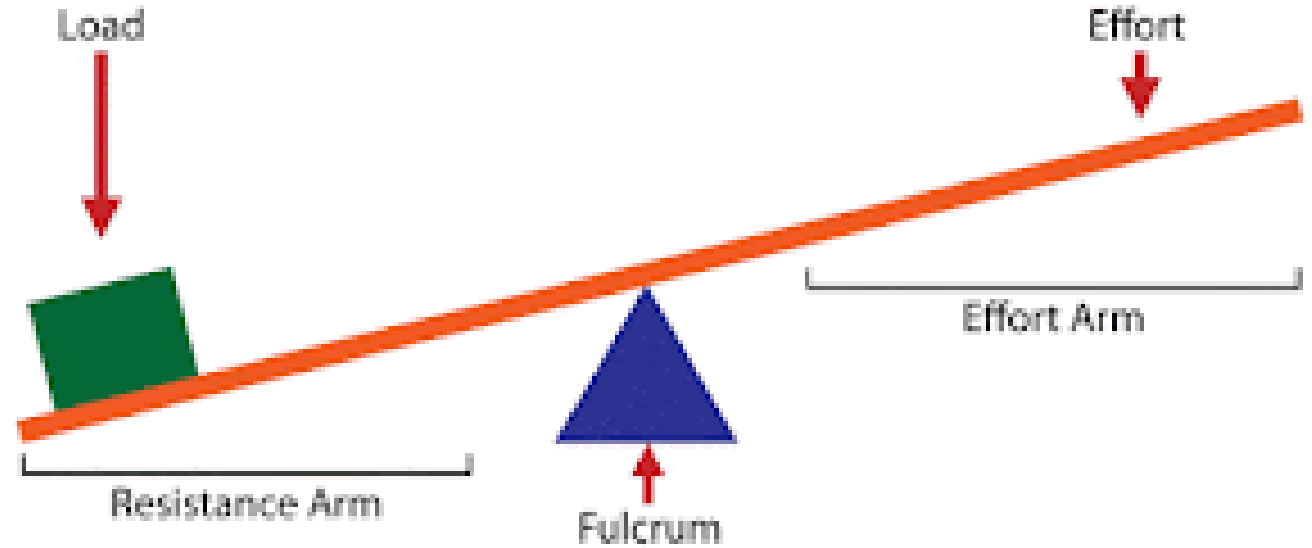


Wheelbarrow



Hammer

LEVERS AND FULCRUMS



FULCRUM – an object/point on which a lever rests and pivots.

MORE SIMPLE
TOOLS/MACHINES

WEDGE – a piece of wood, metal, or some other material having one thick end and tapering to a thin edge



Wedge

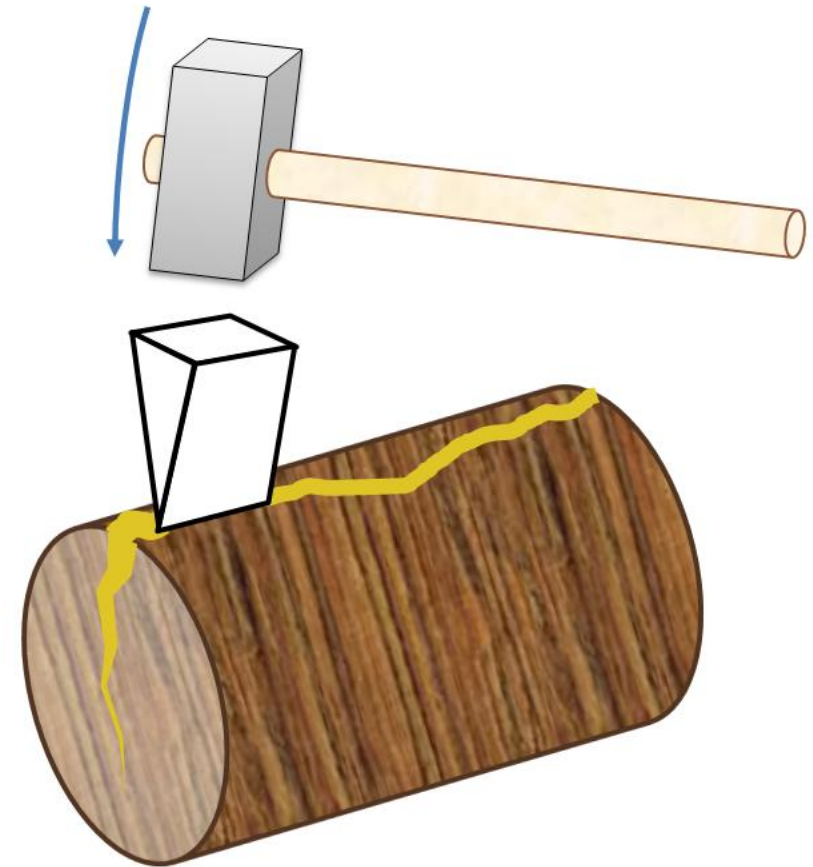
METALS TUBAL-CAIN (BIBLE) – LEVERS AND WEDGES



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A WEDGE WITH LEVERAGE



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The Ark Project

Noah Needed Tools

1. How could wood be cut for the ark?
2. How were the boards attached?
3. How did Noah make the boat waterproof?



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GOD GAVE NOAH INSTRUCTIONS

ARK'S DIMENSIONS – a measurable extent of some kind, such as length, breadth/width, height/depth.



LENGTH	300 cubits = ~450 feet or ~135 meters long
WIDTH	50 cubits = ~75 feet or ~23 meters wide
HEIGHT	30 cubits = ~45 feet or ~14 meters tall

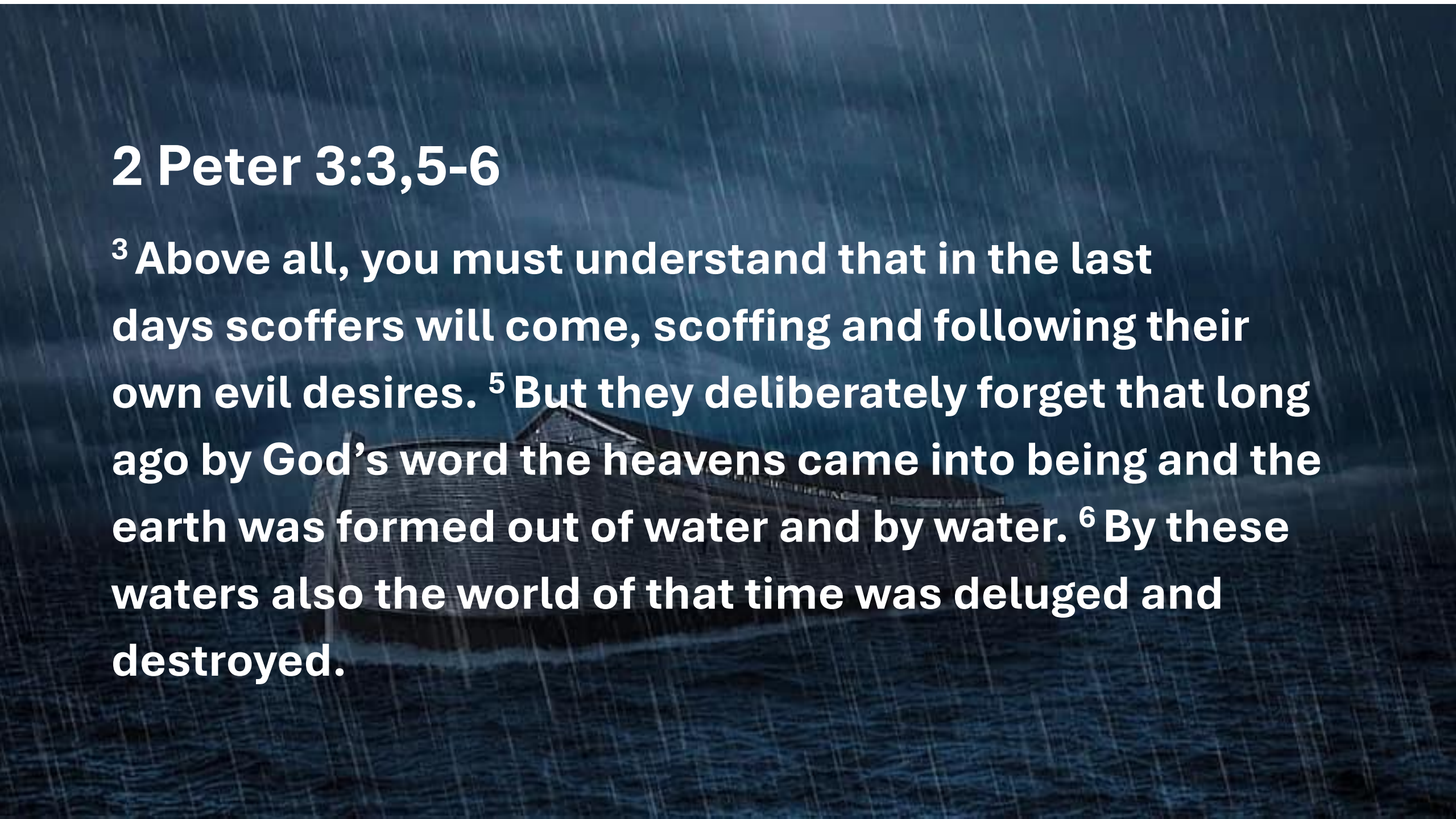
GOPHER WOOD PITCH

- Gopher may be cypress or acacia wood, uncertain
- Pitch is a waterproofing, cement/glue, mineral slime

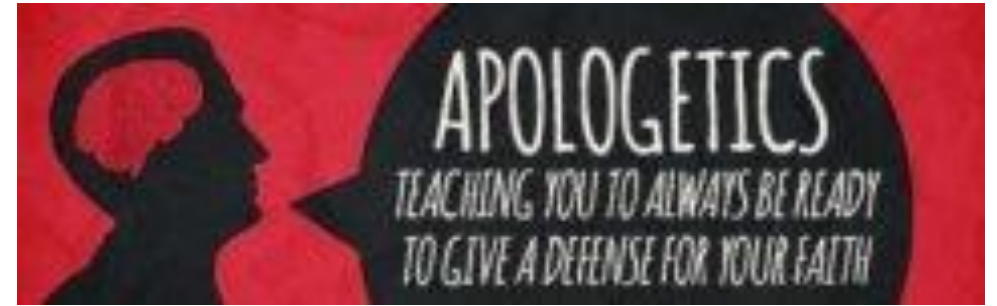


2 Peter 3:3,5-6

³ Above all, you must understand that in the last days scoffers will come, scoffing and following their own evil desires. ⁵ But they deliberately forget that long ago by God's word the heavens came into being and the earth was formed out of water and by water. ⁶ By these waters also the world of that time was deluged and destroyed.

A dark, atmospheric image of a wooden ark floating on a stormy sea with heavy rain falling. The ark is a large, multi-story wooden structure with a pitched roof, partially obscured by the rain and the dark water. The sky is a deep, dark blue, and the rain is depicted as numerous vertical white streaks falling across the entire scene. The overall mood is somber and dramatic, reflecting the biblical text about the deluge.

APOLOGETICS



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If any reject the idea of Noah's Ark:

1. The Bible's dimensions are feasible
 - a. Capacity to hold all the required occupants and food.
 - b. Ability to withstand violent seas
2. Secular timelines indicate wooden boats were built in the same time frame.
3. The fossil record indicates a massive, global flood
4. The oldest trees coincide with the end of the global flood.

REMEMBER THESE THINGS



INSTRUCTION: (a Lifeboat)

Genesis 7:1a And the LORD said unto Noah, Come thou and all thy house into the ark.

Christ is our source of strength; the force enabling us to do good works. If we choose not to leverage our gifts and talents by seeking His will for us, we cheat ourselves and others.

Learn to Trust Him for your Instructions.