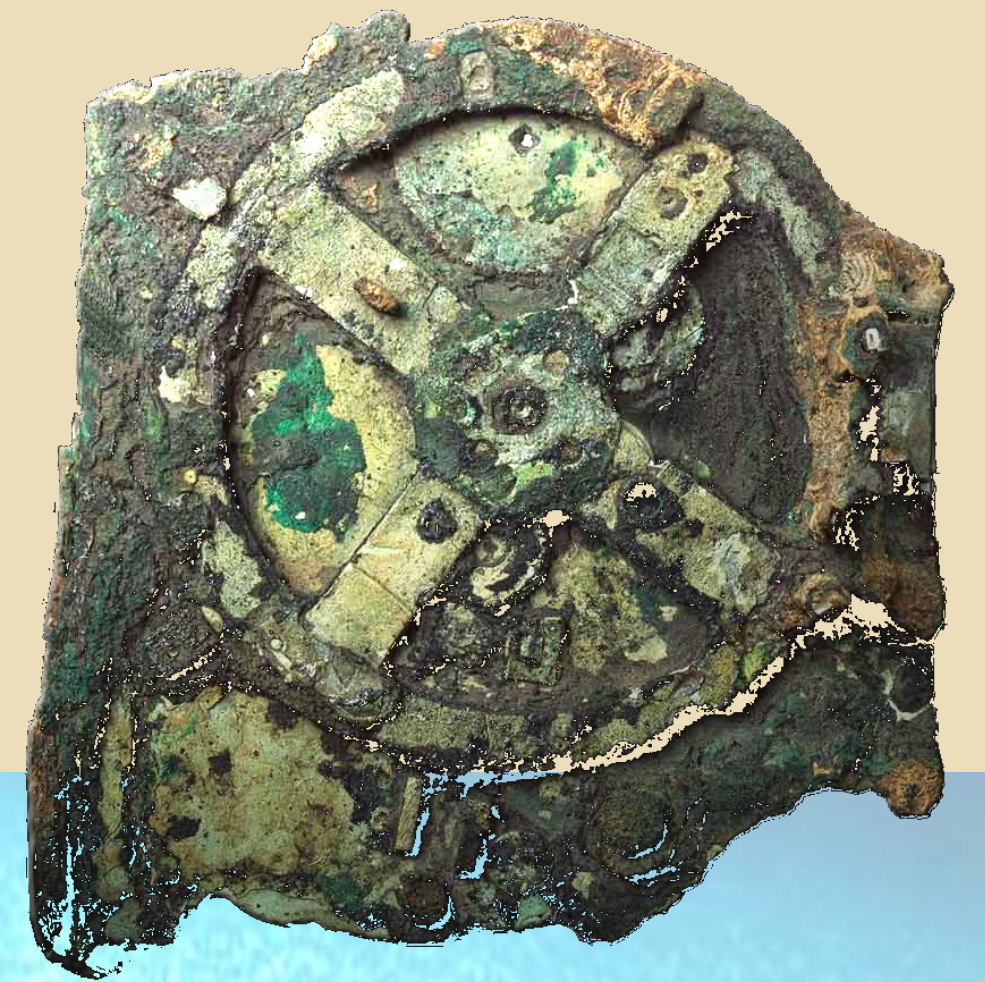


High-Tech Detectives



This high-tech **EXOSUIT**, a mechanical suit worn by a person, allows archaeologists to stay for longer periods of time underwater and dive twice as deep (up to 1,000 ft.) as they previously could.

The exosuit was used to help uncover more secrets from a 2,000-year-old shipwreck off the coast of Greece. The world's oldest analog computer, the Antikythera Mechanism, was discovered here more than 100 years ago.



Thrusters

Small, powerful thrusters let divers zip around underwater. Can also be piloted from an operator at the surface, or jettisoned in case of emergency.

Joints

Rotatable joints are designed to move with little effort from the diver, allowing each limb to move independently

Feet/ankles

Foot pedals inside the suit control thrusters, leaving hands free to keep working. Future version could have flipper attachments and allow the operator to swim.

Lights, camera, gadgets

Powerful LEDs light up the murky depths, while on-board cameras capture the action in HD video. Controls inside the suit allow the diver to operate the life-support system.

Manipulators

Two claw-like graspers—one for large objects, and one for smaller objects and delicate work—are affixed to the end of each arm. A robotic hand that mimics the diver's hand is under development.

