

Year 6 Spring

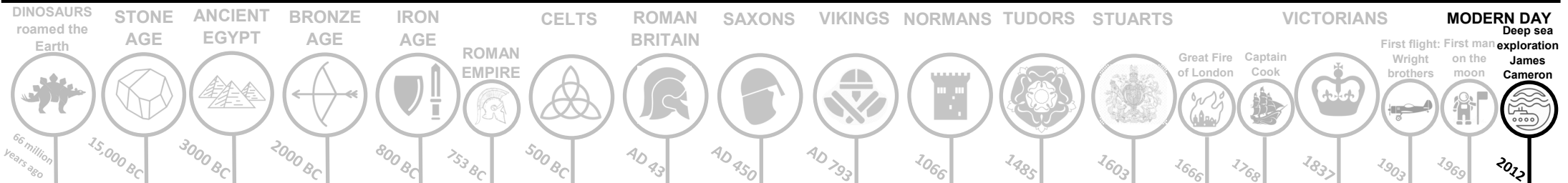
History Knowledge Organiser

Topic:

Ocean Exploration

Links to other year groups:
Y2—transport

HISTORICAL CONTEXT (within the whole school narrative)



Key Vocabulary:

Aqua - the Latin word for water

Aqua-lung - portable breathing apparatus for divers, consisting of cylinders of compressed air strapped on the diver's back, feeding air automatically through a mask or mouthpiece

Aquanaut - a scuba diver who lives and operates both inside and outside an underwater shelter for an extended period

Bathysphere - a manned, spherical chamber for deep-sea observation, lowered by cable from a ship

JIM suit - a special diving suit that keeps the wearer at the same atmospheric pressure as the water surface

Marine - anything to do with the sea

Oceanographer - someone who studies the oceans

Significant People:

Don Walsh & Jacques Piccard—first people to dive to the deepest part of the ocean

Sylvia Earle—oceanographer and founder of Mission Blue (organisation to protect the ocean)

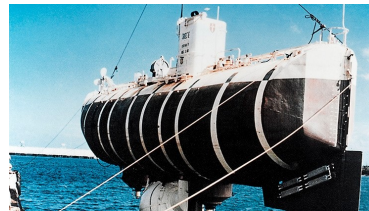
James Cameron—ocean explorer

Victor Vescovo—ocean explorer who has been to the deepest part of all 5 oceans

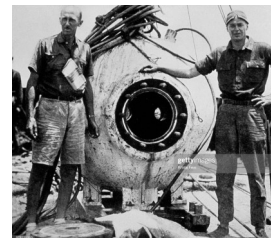
Maps/Diagrams/Artefacts/Key Facts:



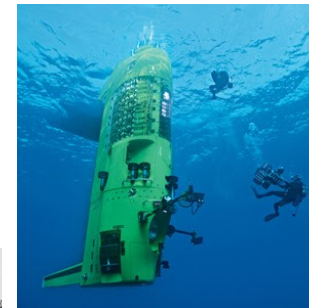
Sylvia Earle set a human depth record of 381m using a JIM suit in 1979



The Trieste



The Bathysphere



Deepsea Challenger

Timeline of Events:

1934 William Beebe and partner Otis Barton are lowered in a tethered bathysphere to 923 metres (3,028 feet).

1943 The Creation of the Aqua-Lung by Jacques Cousteau and Emile Gagnan

1960 The bathyscaphe Trieste dives to what was believed to be the deepest point in the Mariana Trench, recording a depth of 10,912 metres (35,800 feet).

1970 Sylvia Earle leads the first team of women aquanauts during the Tektite Project

2012 National Geographic Explorer-in-Residence, James Cameron, successfully travels to the bottom of the deepest known point in the ocean, Challenger Deep, in the Mariana Trench

2020 Victor Vescovo competes Five Deeps Expedition