

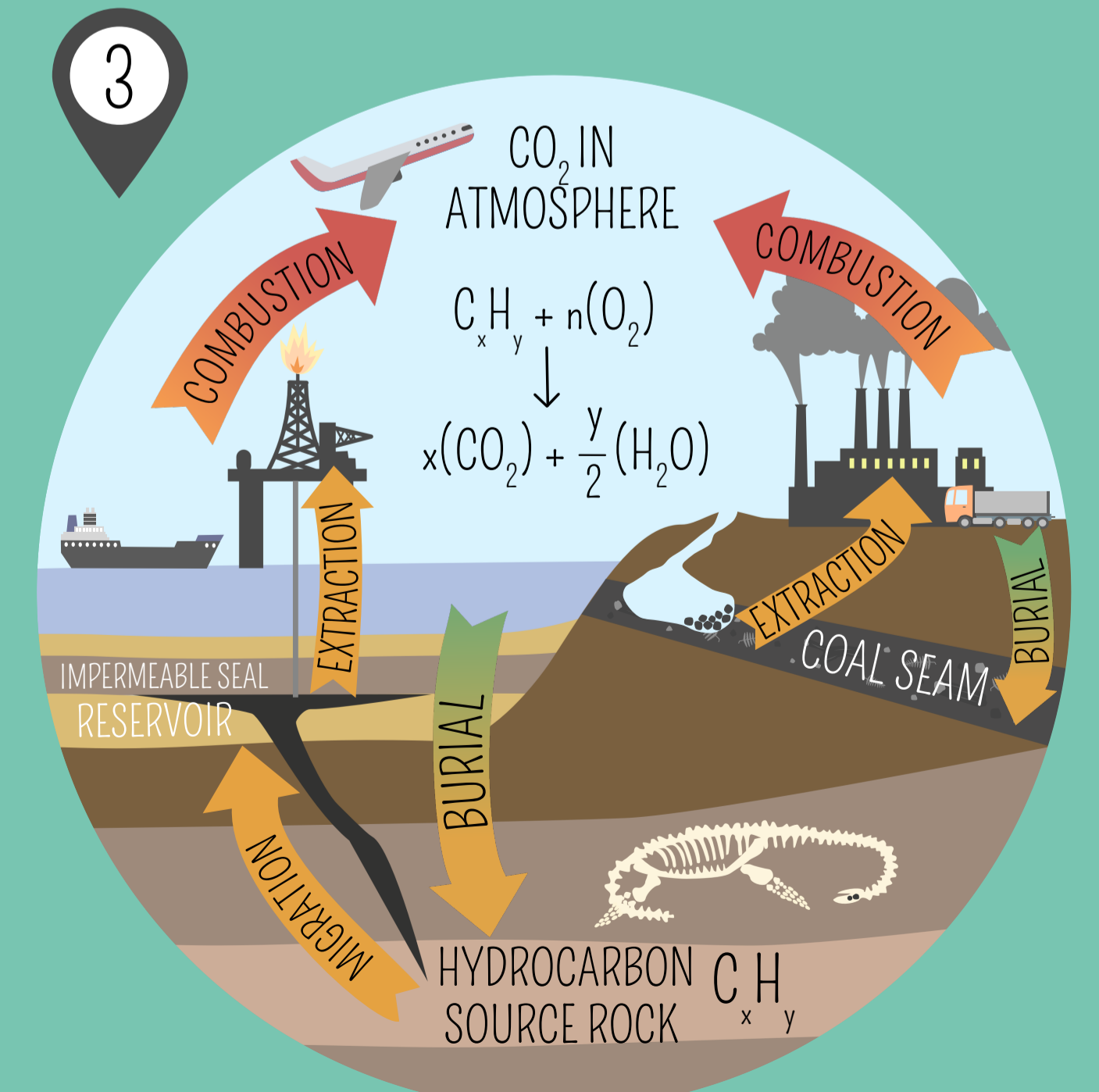
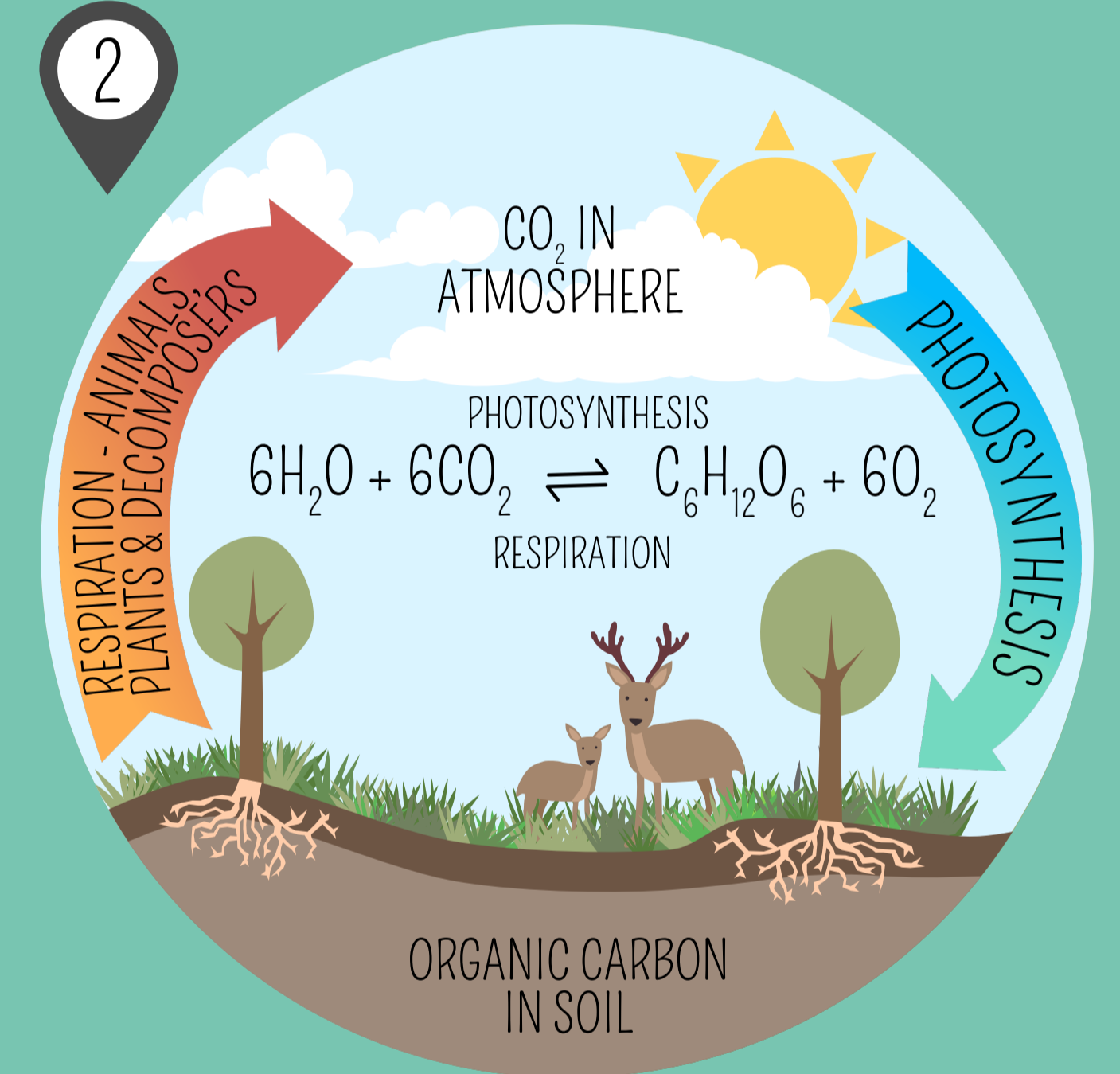
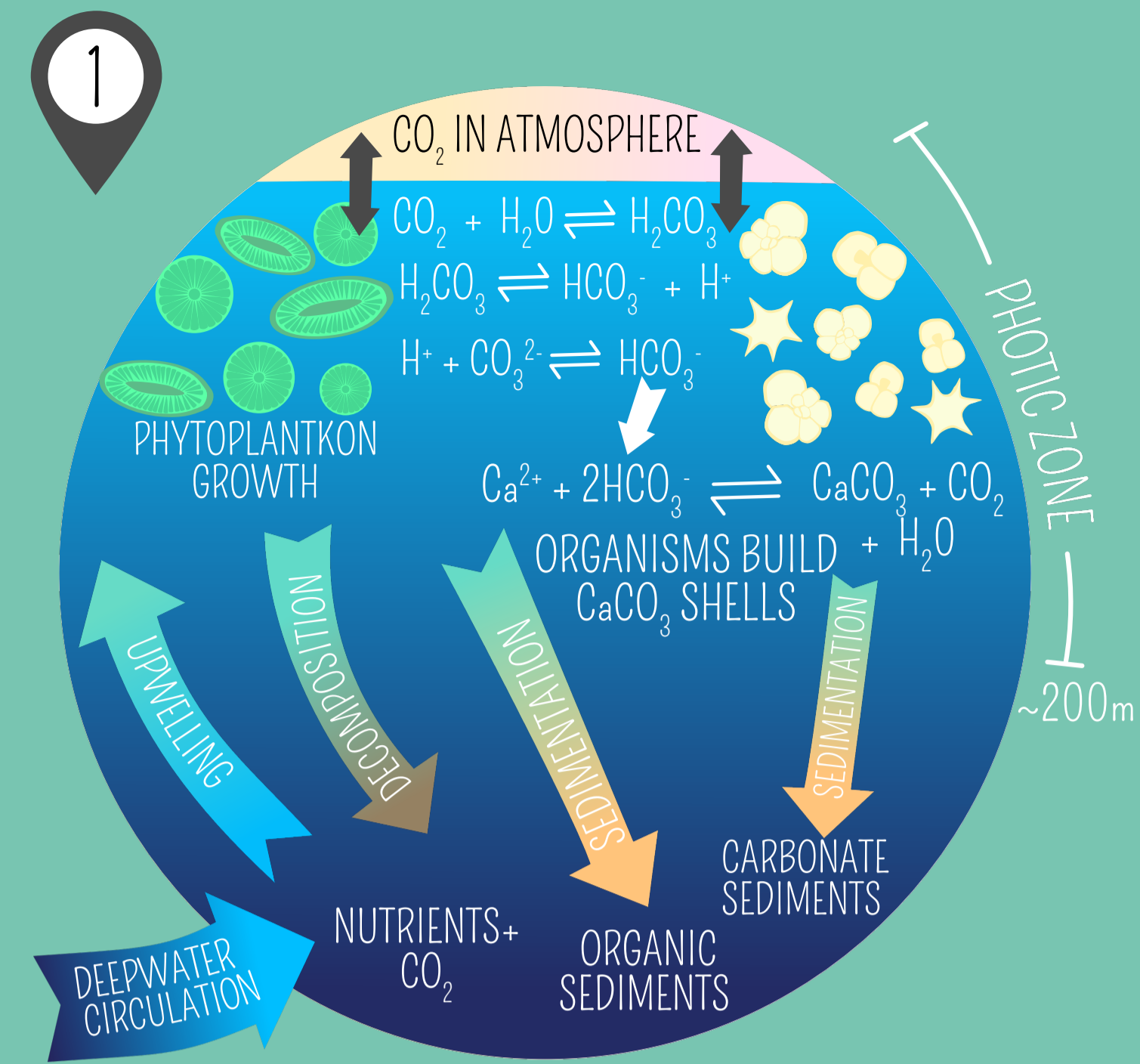
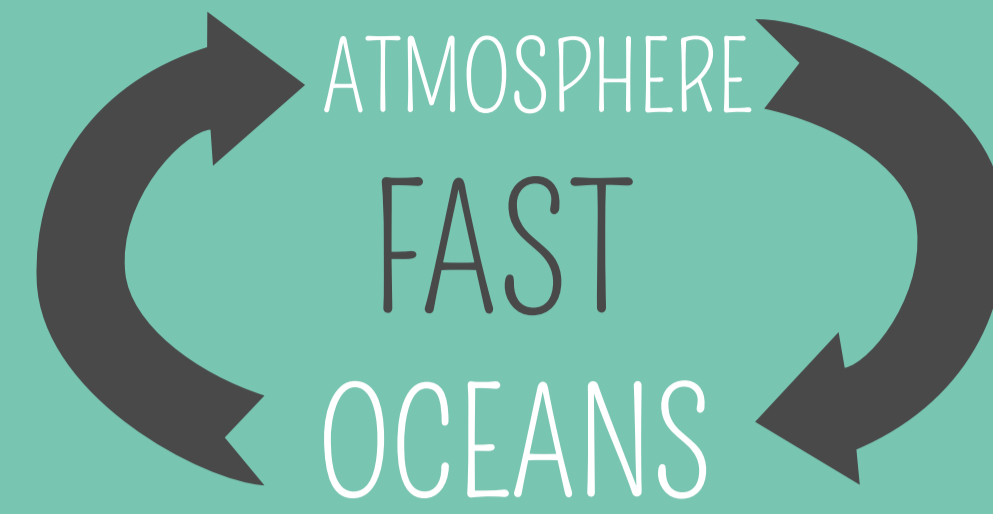
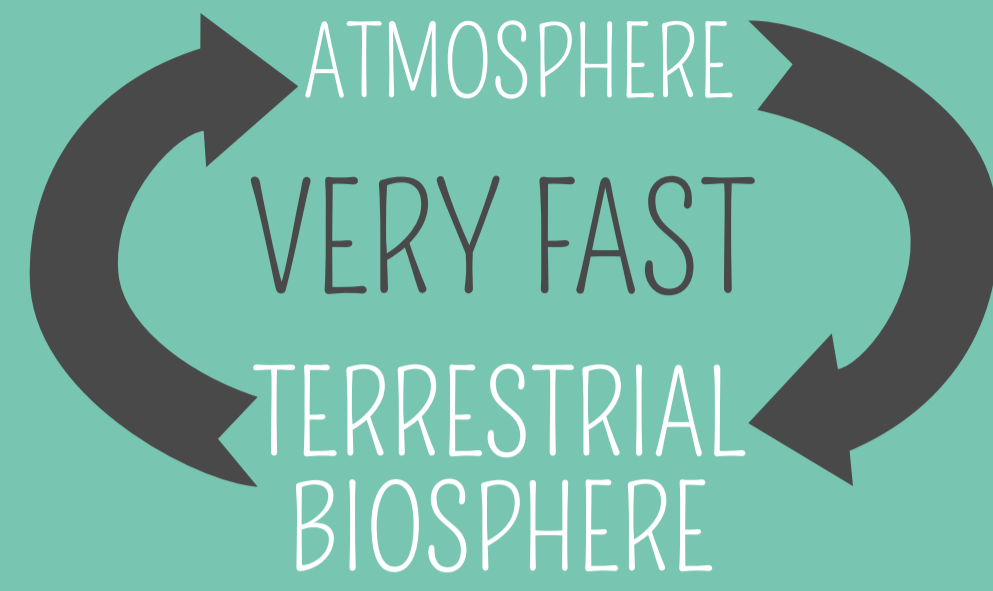
# THE CARBON CYCLE



The Geological Society

serving science, profession & society

2019  
YEAR OF CARBON



RESERVOIR	AMOUNT OF CARBON (GtC)	RESIDENCE TIME (YEARS)
ATMOSPHERE	830	5
TERRESTRIAL BIOSPHERE	2,400	10
SOILS	1,600	
VEGETATION	600	
OCEANS	38,000	400
SURFACE	1,000	
DEEP	37,000	
LITHOSPHERE	>75,000,000	100 -
SEDIMENTARY ROCKS	>60,000,000	200,000,000
HYDROCARBONS	15,000,000	

