

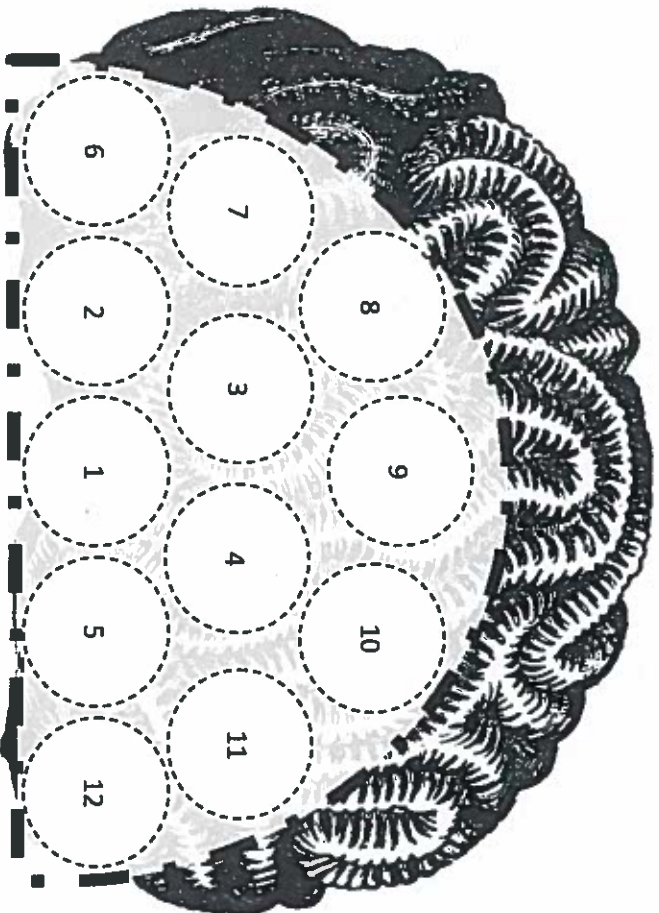
The Calcification Challenge!

see ocean acidification from a coral's point of view

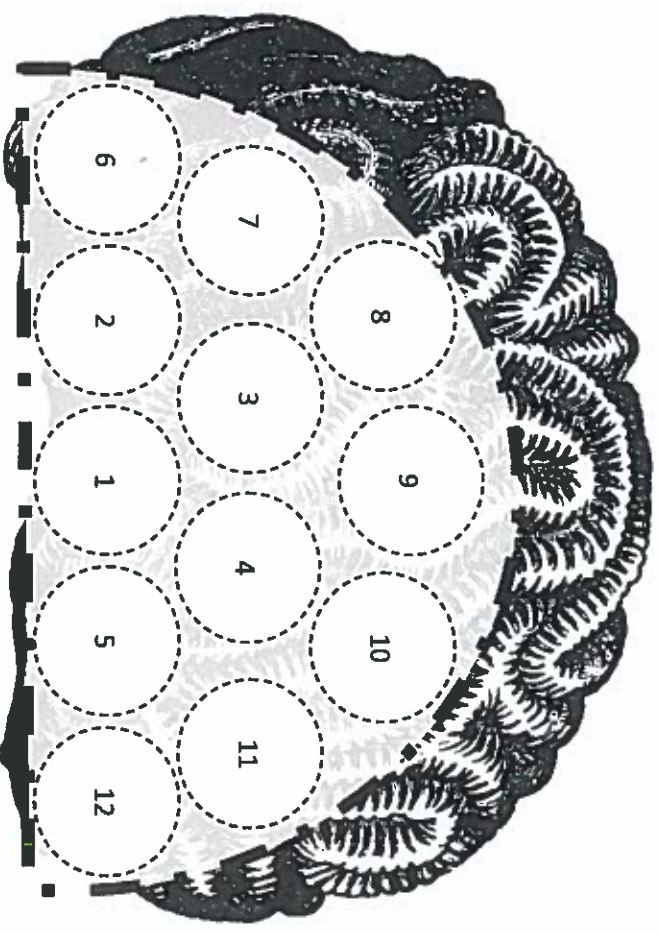
How much calcium carbonate skeleton you can make in 30 seconds in today's normal CO₂ ocean vs. the future's high CO₂ ocean?

Use only **BLUE** carbonate stickers for Today and only **GREEN** ones for the future.

Today: Normal CO₂ world



Future: High CO₂ world



In the future, it will be harder for corals to build their calcium carbonate skeletons because there will be fewer carbonate ion building blocks available. This is the reason why corals and other marine calcifying creatures find ocean acidification so challenging!