

Physical

■ = crosscutting concepts

■ = Science + engineering practices

Site description / plants + boats in the water

- structure + function
- stability + change
- **Models**
- **asking q's + evaluating probs**
- **evaluating, observing + communicating info**
- **analyzing + interpreting data**
 - ↳ measuring speed of boats across site locations,
 - ↳ measuring speed + change of tide

Weather, wind, tides

- patterns
- systems + system models
- quantity scales
- energy + matter
- cause + effect
- **constructing explanations + designing solutions**
- **analyze + interpret data**
 - ↳ tracking changes over sites
 - ↳ explaining how physical components relate to each other