

Our Ocean Rummy – Ocean System Cards



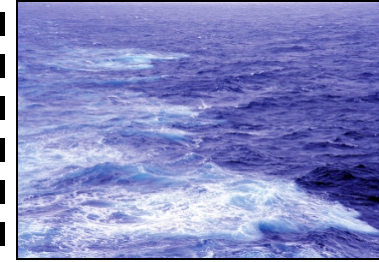
Estuaries



Coral Reefs



Oxygen Production



Currents



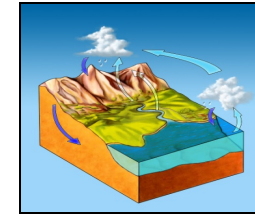
Kelp Forests



Mangrove Swamps



Marine Life



Evaporation and
Precipitation



Wind Patterns



Sea Ice



Seasonal Weather Patterns



Storage and Exchange of
Gases; CO₂ and N

EXPLORE – TEACHER PRINTOUT

8.11D: Human Effect on Resources
Organisms and Environments

Our Ocean Rummy – Human Impact Cards

EXPLORE – TEACHER PRINTOUT

8.11D: Human Effect on Resources
Organisms and Environments



Introduction of Invasive Species



Coastal Development



Aquaculture



Commercial Fishing



Oil Spills



Trash Pollution



Burning Fossil Fuels



Deforestation



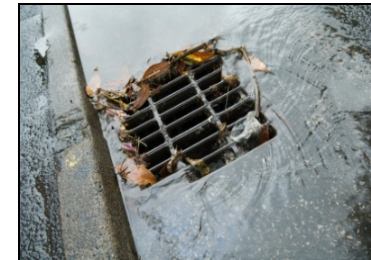
Agricultural Waste and Pollution



Industrial Pollution



Raw Sewage



Urban Runoff

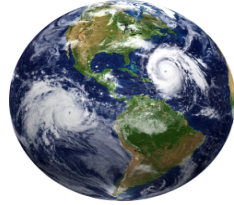
Our Ocean Rummy – Consequences Cards

EXPLORE – TEACHER PRINTOUT

8.11D: Human Effect on Resources
Organisms and Environments



Habitat Destruction



Extreme Storms



Ocean Acidification



Dead Zones



Disrupted CO₂ and N
Storage and Exchange



Health Issues



Human Displacement



Collapsed Fisheries



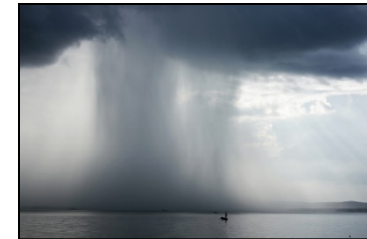
Extinction and Loss of
Biodiversity



Siltation



Garbage Patches



Change in Evaporation and
Precipitation Patterns

Our Ocean Rummy – Answer Key

| Ocean Systems | Human Impacts | Consequences |
|---|---|---|
| <ul style="list-style-type: none"> • Oxygen Production • Coral Reefs • Estuaries • Mangrove Swamps • Kelp forests • Currents • Wind Patterns • Evaporation and Precipitation • Marine Life • Storage and Exchange of Gases; Carbon Dioxide and Nitrogen • Sea Ice • Seasonal Weather Patterns | <ul style="list-style-type: none"> • Coastal Development • Aquaculture • Commercial and Recreational Fishing • Burning of Fossil Fuels • Deforestation • Introduction of Invasive Species • Agricultural Waste and Pollution • Oil Spills • Trash Pollution • Urban Runoff via Storm Drains • Raw Sewage Pollution • Industrial Pollution | <ul style="list-style-type: none"> • Extreme Storms • Dead Zones • Ocean Acidification • Human Displacement • Collapsed Fisheries • Habitat Destruction • Change in Precipitation and Weather Patterns • Disrupted Gas Storage and Exchange • Human Health Issues • Extinction and Loss of Biodiversity • Siltation • Garbage Patches |