

HUNTINGTON BEACH

Rigs to Reefs

GRADES 9–12

TEAM OF 4

BATTLE OF THE COUNTIES



YOUR CHALLENGE

Reimagine Platforms Ellen and Elly for a future beyond their original purpose.

BEFORE YOU BUILD: Talk to NPCs → Look above & below water → Use the resources → Note evidence

1

Build Your Vision

in Minecraft Education

Propose a future for Platforms Ellen and Elly that serves the ocean, the community, or future generations.

- **4+ purposeful features** that work as one proposal
- Justify it with evidence, perspectives, constraints, and tradeoffs
- Address **marine life**, **community value**, and **long-term safety** and responsibility

2

Add a Board

place 1+ near your build

Your Board must include:

Project Name

Our Proposal

Who or What It Serves

Evidence That Influenced Us

Tradeoffs & Constraints

Why This Coastline

Need help? [How to use Boards](#)

3

Create an NPC

1+ character who explains your idea

- Give it a **name** and a **job** tied to your build
- Use dialogue to explain your idea and why it matters
- Add **1+ external link** that supports your idea

Need help? [How to create an NPC](#)

4

Record a Tour

a video walkthrough of your build

≤ 3 MIN

EVERY VOICE

MP4

- Show your build, Board, and NPC
- Explain your proposal and the reasoning behind major choices
- Defend it with evidence from the experience + your external source
- Explain the tradeoffs or constraints you weighed and why it deserves serious consideration

Screen recording: [Windows / PC](#) | [Chromebook](#)

Other recorders OK with teacher approval — export to MP4.



SHOW WHAT YOUR TEAM LEARNED.

Rubric on next page →

Huntington Beach Rigs to Reefs Rubric



TEAM SCORE

____ / 16



CRITERIA	1 Emerging	2 Developing	3 Progressing	4 Excelling	PTS
Rigs to Reefs Challenge Above & below the water	Doesn't clearly address Ellen and Elly's future or intended impact.	General direction; platform choices and impact only partly developed.	Clearly explains what happens above or below the water, who or what it serves, and how it responds.	Deep understanding; a thoughtful, defensible vision for Ellen and Elly.	____ / 4
Evidence, Perspectives & Tradeoffs Evidence + credible source	Not grounded in Huntington Beach learning or outside evidence.	Limited reference to evidence, perspectives, or tradeoffs; reasoning underdeveloped.	Uses specific learning + a credible external source to justify key choices; addresses a tradeoff or constraint .	Synthesizes evidence and multiple perspectives to justify what stays, goes, and changes; weighs tradeoffs, safety, and responsibility.	____ / 4
Design & Creativity Original · coherent · feasible	Incomplete or no coherent solution.	Some purposeful elements, but underdeveloped or not mutually supporting.	4+ purposeful elements forming an original, coherent, feasible proposal.	Original, detailed, and intentional; addresses marine life, community value, and long-term safety and responsibility.	____ / 4
Communication & Team Voice Board · NPC · evidence · tour	Board, NPC, evidence, or tour missing. Participation unclear.	Some parts done; rationale, evidence, presentation, or team voice limited.	Concise Board, NPC offers a credible perspective + relevant source, tour explains reasoning with every voice .	A persuasive proposal. Everyone contributes meaningfully and defends the team's choices and tradeoffs.	____ / 4

Level 3 = all requirements met. Level 4 = goes beyond.