

HUNTINGTON BEACH

Rigs to Reefs

GRADES 6–8

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.

- **3+ features** that work together
- Use evidence and different perspectives to explain your choice
- Consider **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

A Tradeoff We Considered

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
- Tell what should happen to Ellen and Elly
- Explain the evidence and perspectives behind your design
- Explain a tradeoff you considered and why your proposal is right for this coastline

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 What should happen?	Doesn't clearly address the future of Ellen and Elly.	General idea, but what should happen or why isn't clear.	Clearly explains what should happen and how it responds to the ocean, community, or future use.	Strong understanding; thoughtful choices about the future of Ellen and Elly.	____ / 4
Evidence & Perspectives Why this future?	Doesn't use learning from Huntington Beach.	Mentions a fact or perspective, but the link to the design is weak.	Uses relevant evidence + 1+ perspective from Huntington Beach to support design choices.	Specific evidence and multiple perspectives make a convincing case for what stays, goes, or changes.	____ / 4
Design & Creativity Is the build purposeful?	Incomplete or doesn't represent the proposal.	Some purposeful design; features limited or loosely connected.	3+ purposeful features that support a clear, creative proposal.	Original, detailed, and purposeful; features address marine life, community value, and long-term responsibility.	____ / 4
Communication & Team Voice Board · NPC · source · tour	Board, NPC, source, or tour missing. Participation unclear.	Some parts done; explanation, source, or team voice limited.	Board explains clearly, NPC gives context + a relevant source, tour presents reasoning with every voice .	A clear, persuasive proposal. Everyone contributes meaningfully and explains why the choices make sense.	____ / 4

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