Shade Ball Choice Board

Directions:
Students will demonstrate their understanding of shade ball design, function, and impact through a final product. They may choose one of the options below to communicate their work and promote their design.

The rubric for each option remains the same
Total_____/25 points

Shark Tank Pitch

Present a 1–2 minute pitch to a panel of "Sharks" explaining and selling your shade ball design. You'll need to explain how it works, the science behind it, and why it's better than others. Be ready to justify your material choices and what makes your design useful for protecting water from things like heat and algae growth.

Flyer

Design a one-page, visually appealing flyer to promote your shade ball product. Your goal is to **grab attention**, **explain the benefits**, and **convince** others to use your design.

Product Review

Write or film a **first-person review** as if you tested the shade balls in the real world. Think of it like a YouTube science reviewer or Amazon reviewer giving honest feedback based on hands-on experience.

Commercial

Create a 30–90 second video commercial that **sells your shade balls** to a broad audience. Use a combination of **humor, drama, facts, or creativity** to make your product memorable and persuasive.



Rubric

Category	Excellent (5)	Good (4)	Developing (2–3)	Needs Work (0)
Creativity & Design	Very original and eye-catching; strong effort shown	Creative and well-organized	Some creative effort, but basic	Lacks creativity or effort
Clarity of Message	Purpose and features are clearly explained and easy to understand	Mostly clear; a few confusing parts	Some unclear or missing parts	Hard to understand or incomplete
Scientific Explanation	Clearly explains **how and why** the design works using at least two scientific concepts (e.g., light absorption, heat blocking, buoyancy)	Includes one strong scientific explanation; the second may be vague or minor	Includes limited or unclear scientific reasoning	Scientific explanation missing or incorrect
Persuasive Language	Uses compelling language and strong arguments to sell the product	Reasonably convincing	Tries to persuade but is weak or inconsistent	Not persuasive
Visual Component	High-quality drawing, digital image, or prototype that supports explanation	Visual is clear and mostly relevant	Visual is basic or loosely related	Missing or off-topic visual