

Postcard



PBL Creation Challenge, PBL Lounge
 Contact email: admin@pblounge.org
 Grade: Various

Overview Educational Passages has 5 foot boats launched by students located all over the world. The boats often wind-up crossing the Atlantic while the students track the boats, learn oceanography, meteorology, naval architecture and more. Students located in receiving destinations re-launch the boats. Oftentimes surfers or other non-students find the boats, which carry messages asking the finder to take the boat to a school to enable local classrooms to participate in sending the boats on. Memorabilia are added to the interior so that students learn about other cultures etc.

Driving Question What affects the movement and durability of vessels that are confronted by open waters?

PBL Unpacked

As identified using "Unpack My PBL" within www.pblounge.org

WANTS

NEEDS

Public Project

- Performing:* Demonstration Performance
- Interacting:* STEM Experiment/Exercise
Event
Show/Program
Film/Documentary
- Producing:* Spec/Design
Product
Other Student-created Content1
- Revising/Iterating:* Test a Product or Service
Revise a Product or Service
- Presenting:* Utilize Visuals
Leverage Multimedia Technologies
Display Calculations & Trends

Questions & Themes

- Challenging Problem:* Self Awareness
Reveal the World
Build a Better World
Express the Intangible Visually
Compassion for Others
Assist Others
- Themes:* Community Outreach
Environmental
Research-based
Field-based Work
Volunteering

Media Produced

- Internet Media:* Website
- Digital Media:* Video Media
Audio Media
Digital Media/Graphic Design
Digital Photography
- Engineering Drawings:* STEM Drawings
- Computer-based:* Computer Model or Mapping
Spreadsheets & Graphs
Multimedia-software Generated
- Computer-based:* Building
- Print or Other Media:* Signage
Other Student-produced Media
- Artistic Composition:* Journal/Diary
Script for Film, Documentary or Play
- Technical Writing:* Article/Script/Essay (Non-fiction)
Autobiography/Biography
FAQs
Instruction/How to Use
Interview Questions
Lab/Research Report
Marketing Pitch/Brochure
- Physical Drawing/Fine Arts:* Illustration
Logo, Package Art, Trademark

Project Parameters

- Project Timeframe:* More than 8 Weeks
- # of Project Members:* Individual
Large Group
Flexible Group
Elementary
Middle School
High School
- Grade Level:* Peers
Parents
Teachers & Administrators
Community Members
Government Officials
Industry Representatives

Success Skills

- Creativity:* Brainstorm
Design/Create
Envision
Improve/Refine
- Communication:* Cross-demographic Communication
Engage Creatively
Point Of View
Technical Presentation
Terms, Concepts or Calculations
- Collaboration:* Develop Trust



PBL LOUNGE

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	Product Drawing or Sketch		Encourage Others Incorporate Feedback Influence through Leadership not Authority Maximize Strengths of Team Members Respond to Failure Work Fluidly to Meet Deadlines
Real World Exploration			
<i>The Physical World:</i>	Exploring Earth & Space Climate, Nature & Natural Resources		
<i>Humans in the World:</i>	Civilizations & Cultures Family, Friends & Relationships Habitation & Population Historical Times & Periods Modern Living	<i>Critical Thinking:</i>	Analyze Assemble Parts of a Whole Innovate Clarify Meaning
	Student Related Issues Terrorism, Wars & Conflicts Work & Careers		Balance/Weigh Alternatives Critique Reasoning of Others Overcome Obstacles Quantify Manage People or Deadlines Persuade Model with Math
<i>Of the Mind:</i>	Implications of Decisions State of Mind		Rational, Objective Decision-making
Authentic Industries & People		<i>Instilled Citizenship Values:</i>	Habits of Mind & Heart Express Empathy/Compassion Personal Responsibility Interact Respectfully In-person/Online Strong Personal/Work Ethic Sense of Public Duty Civic Activities/Organizations Social Responsibility Social & Political World Democratic Systems & Values
<i>Career & Technical:</i>	Architecture & Construction Advertising, PR & Marketing Arts & Entertainment Authorship Education Energy, Environment & Resources Journalism, Broadcasting & Media Mechanics, Maintenance & Repair Printing & Publishing STEM Research & Applications Transport, Distribution & Logistics		
		Areas of Knowledge & Understanding	
		<i>Arts:</i>	Art Studies Film Making Studies
		<i>Business:</i>	Advertising/Marketing; Finance; General Mgmt; Operations Mgmt
		<i>Communication:</i>	Journalism; Non-verbal; Speech
		<i>Engineering:</i>	Geosystems; Mechanical
		<i>History:</i>	Local; National; World
		<i>Humanities:</i>	Composition & Linguistics; Cultural Studies
		<i>Information Technology:</i>	User Experience; Web & Digital; Multimedia
		<i>Mathematics:</i>	Algebra & Trigonometry
		<i>Sciences:</i>	Earth & Geo; General Sciences
		<i>Social Sciences:</i>	Physical Geography; Political Science

For additional resources provided with this PBL, follow links beneath the **Educational Passages** thumbnail on the [PBL Creation Challenge](#) page within the [PBL Lounge](#).

