

## Britannica PBL: Design Thinker's Journal

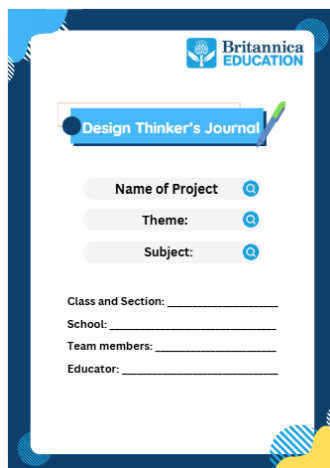
A structured documentation tool to record your project-based learning journey using the design thinking process.

### Purpose of the Journal

The Design Thinker's Journal is a learner-led documentation tool that helps capture the complete PBL journey—from identifying the problem to presenting the final solution. It fosters reflection, collaboration, research, planning, and creative thinking. Each group/team maintains one journal per project.

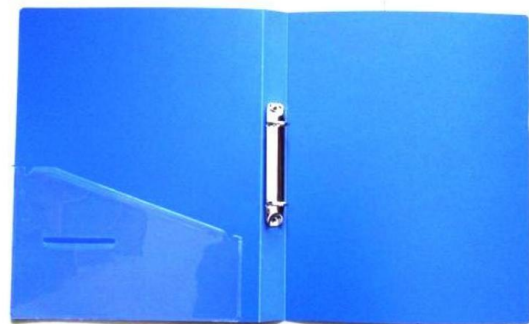
### Journal Format and Materials



#### Cover Page



The cover page is a white sheet with a blue border. At the top right is the Britannica Education logo. Below it, the title 'Design Thinker's Journal' is written in a blue box. There are three input fields: 'Name of Project', 'Theme:', and 'Subject:', each with a small blue icon to its right. At the bottom, there are four lines for text: 'Class and Section:', 'School:', 'Team members:', and 'Educator:'. The page is decorated with blue and yellow geometric shapes in the corners.

#### Inside

A clip folder for students to add their sheets.



<b>Grades</b>	<b>3 – 5</b>	<b>6 – 12</b>
<b>Format</b>	Physical journal (clip folder)	Physical or digital journal (Google Docs, Canva, MS Word)
<b>Type of Sheets</b>	Punched lined writing paper 	Punched A4 ruled/plain sheets 
<b>Cover Page</b>	Each journal must begin with a Cover Page that includes: <ul style="list-style-type: none"> <li>• Project Title</li> <li>• Team Name / Learner Name(s)</li> <li>• Grade and Section</li> <li>• Name of the Mentor Teacher</li> <li>• School Name</li> </ul>	Each journal must begin with a Cover Page that includes: <ul style="list-style-type: none"> <li>• Project Title</li> <li>• Team Name / Learner Name(s)</li> <li>• Grade and Section</li> <li>• Name of the Mentor Teacher</li> <li>• School Name</li> <li>• Academic Year</li> </ul>

	<ul style="list-style-type: none"> <li>• Academic Year</li> <li>• Date Started and Completed</li> </ul>	<ul style="list-style-type: none"> <li>• Date Started and Completed</li> </ul>
<b>Sections in the Journal</b>	<ul style="list-style-type: none"> <li>• <i>Design Thinker's Journal</i> will have 3 sections. <ul style="list-style-type: none"> <li>★ Explore the Problem</li> <li>★ Plan Solution</li> <li>★ Project Culmination</li> </ul> </li> <li>• The page separator will have the name of the section and week.</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Design Thinker's Journal</i> will have 5 sections. <ul style="list-style-type: none"> <li>★ Explore the Problem</li> <li>★ Ideation and Plan Solution</li> <li>★ Prototype Development</li> <li>★ Implementation and Awareness Campaign</li> <li>★ Project Culmination</li> </ul> </li> </ul>
<b>Page Separator Template (for each section)</b>	 <ul style="list-style-type: none"> <li>• Each section will be separated from the others with a page separator.</li> </ul> <p>Section Name: ___</p> <p>Week Number: ____</p> <p>Team Name: _ ___</p>	 <ul style="list-style-type: none"> <li>• Each section will be separated from the others with a page separator.</li> </ul> <p>Section Name: ___</p> <p>Week Number: ____</p> <p>Team Name: _ ___</p>

	<p>Goal of This Section:</p> <p>-----</p>	<p>Goal of This Section:</p> <p>-----</p>
<p><b>What to Include in Each Section</b></p>	<p>Each section will be created in sync with PBL <i>Explorer's Guide</i>, following the same order as in the PBL <i>Explorer's Guide</i>.</p> <p><b>Sample</b></p> <p><b>Explore the Problem</b></p> <ul style="list-style-type: none"> <li>• Research data</li> <li>• Graphic organizer</li> <li>• Tables / Charts</li> <li>• Interview sheets</li> <li>• Observation sheets</li> </ul> <p><b>Plan Solution</b></p> <ul style="list-style-type: none"> <li>• Draft of the prototype</li> <li>• Planning guide</li> <li>• Any other project-related material</li> </ul> <p><b>Project Culmination</b></p> <ul style="list-style-type: none"> <li>• Feedback forms</li> <li>• Group reflection</li> <li>• Self-evaluation form for each student</li> <li>• Relevant pictures</li> </ul>	<p>Each section will be created in sync with PBL <i>Explorer's Guide</i>, following the same order as in the PBL <i>Explorer's Guide</i>.</p> <p><b>Sample</b></p> <p><b>Explore the Problem</b></p> <ul style="list-style-type: none"> <li>• Research data</li> <li>• Graphic organizer</li> <li>• Tables / Charts</li> <li>• Interview sheets</li> <li>• Observation sheets</li> <li>• Report</li> </ul> <p><b>Ideation and Plan Solution</b></p> <ul style="list-style-type: none"> <li>• Brainstormed ideas with reasons</li> <li>• Chosen solution and justification</li> <li>• Planning guide</li> <li>• Sketch or rough plan of prototype</li> <li>• Materials list (if applicable)</li> <li>• Timeline or task breakdown</li> </ul>

		<p><b>Prototype Development</b></p> <ul style="list-style-type: none"> <li>• Drafts or models of the prototype</li> <li>• Notes on testing or refining the design</li> <li>• Journal notes on what worked/didn't work</li> </ul> <p><b>Implementation and Awareness Campaign</b></p> <ul style="list-style-type: none"> <li>• Final solution implementation (if applicable)</li> <li>• Campaign materials: posters, flyers, videos, presentation drafts</li> <li>• Community engagement notes</li> <li>• Photographs and evidence of campaign execution</li> </ul> <p><b>Project Culmination</b></p> <ul style="list-style-type: none"> <li>• Feedback forms (peer, teacher, audience)</li> <li>• Group reflection form Individual self-evaluation form</li> </ul>
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		<ul style="list-style-type: none"> <li>• Pictures from showcase/exhibition</li> <li>• Final group report (summary of process and outcomes)</li> </ul>
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## **Submission Checklist (at the end of the journal)**

### **Journal Submission Checklist**

- Cover page added
- All section separators in place
- Pages numbered
- All five/three sections completed
- Self-evaluation and reflections included
- Feedback forms added
- Relevant visuals and documentation enclosed
- If digital: final printout compiled

### **Optional: Teacher's Monitoring Sheet (for internal use)**

A simple page for the mentor teacher to keep track of:

- Milestone reviews
- Feedback given
- Group assessment
- Individual assessment

**Cover page sample:** [https://www.canva.com/design/DAGmvhrz-Is/47SkoWw9KmTfD7teh-og0g/edit?utm\\_content=DAGmvhrz-Is&utm\\_campaign=designshare&utm\\_medium=link2&utm\\_source=sharebutton](https://www.canva.com/design/DAGmvhrz-Is/47SkoWw9KmTfD7teh-og0g/edit?utm_content=DAGmvhrz-Is&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton)

Designer- Create a sample template as suggested and hyperlink it as well

## Project-Based Learning Research Template (Sample)

This template helps students explore and understand the problem through structured research. They will frame key questions, gather data from various sources (Britannica sources, websites, interviews, surveys), and analyze findings to guide their project work.

**Project Title:**

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**Name of the Group:**

-----

## Project-Based Learning - Research Template

**Project Title:**

\_\_\_\_\_

**Name of the Learner:**

\_\_\_\_\_

### Research Plan

**Key Research Questions:**

1. What am I trying to find out?

\_\_\_\_\_

2. How am I finding out?

\_\_\_\_\_

3. Where and when am I trying to find out?

\_\_\_\_\_





4. Why am I finding out?

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**Example:**

1. **What am I trying to find out?**

How to repurpose floral waste into eco-friendly incense sticks that are culturally meaningful and environmentally sustainable.

2. **How am I finding out?**

By conducting field research, community interviews, material experimentation, prototype development, and feedback analysis.

3. **Where and when am I trying to find out?**

In local contexts such as temples, markets, and neighborhoods over a six-week project duration.

4. **Why am I finding out?**

To address the environmental impact of floral waste and promote sustainable entrepreneurship through innovative reuse.

**Explore the Problem**

In this phase, you will be conducting **'Research'** by exploring recommended websites, articles, books, and other resources.

☐ Website    ☐ Books    ☐ Britannica Resource    ☐ Multimedia    ☐ Others: \_\_\_\_

(You can tick one or more relevant boxes)

List key facts, insights, and references:

Source	Key Insights	Citation/Link

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As a part of your '**Data Collection and Analysis**' phase,

What method(s) will you use to gather original information?

☐ Interview    ☐ Survey    ☐ Observation    ☐ Experiment    ☐ Other: \_\_\_\_\_

(You can tick one or more relevant boxes)

**Analysis of Data Collected:**

- Trends/patterns: \_\_\_\_\_
- Key findings: \_\_\_\_\_

**Observation Report (If relevant)**

☐ Visuals    ☐ Graphs    ☐ Tables    ☐ Others (if any): \_\_\_\_\_

(You can tick one or more relevant boxes)



## Ideation and Planning

### Brainstorming Ideas

*List different ideas your team discussed to solve the problem.*

- Idea 1: \_\_\_\_\_
- Idea 2: \_\_\_\_\_
- Idea 3: \_\_\_\_\_
- Idea 4: \_\_\_\_\_

**Chosen Idea:** \_\_\_\_\_

**Why we chose this idea: (How do we know this solution is the best among alternatives?)**



## **Prototype Development**


### **Testing and Feedback**

- Applicable
- Not Applicable

Did building this prototype change how you see the problem? How?



What makes this solution different or better than existing ones?



What will you do if the prototype fails or underperforms?

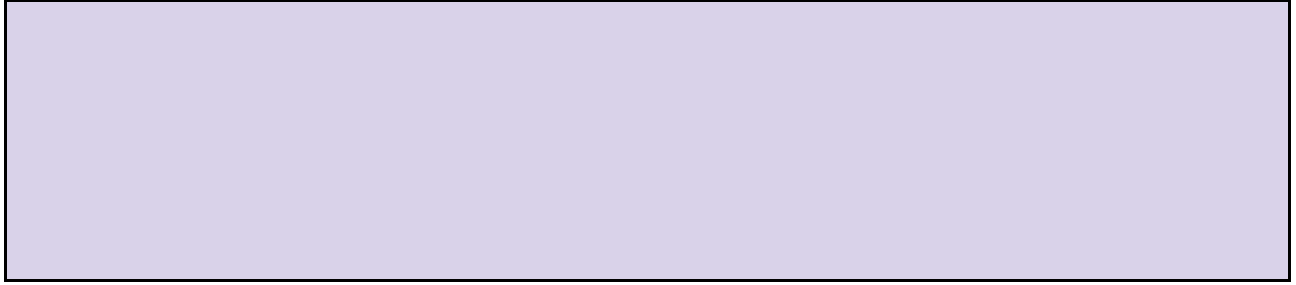


Did your prototype follow your intended solution, or did new ideas change the direction?

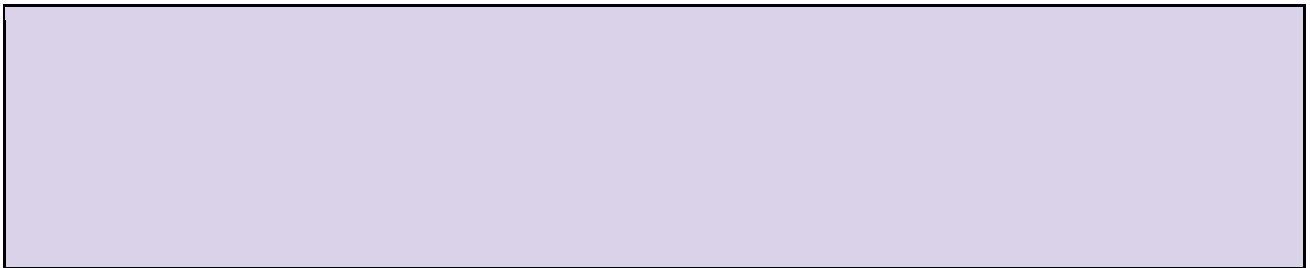


## Implementation and Awareness Campaign

Did you define **who** needs to know about the solution and **why** it matters to them?



Is the solution addressing the root cause or just the symptoms of the problem?

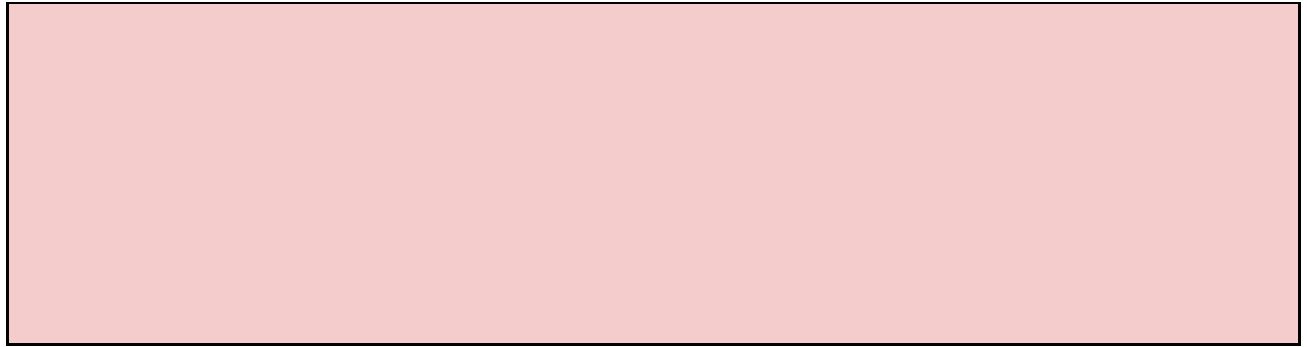


What could be the risks or unintended consequences of implementing this solution?

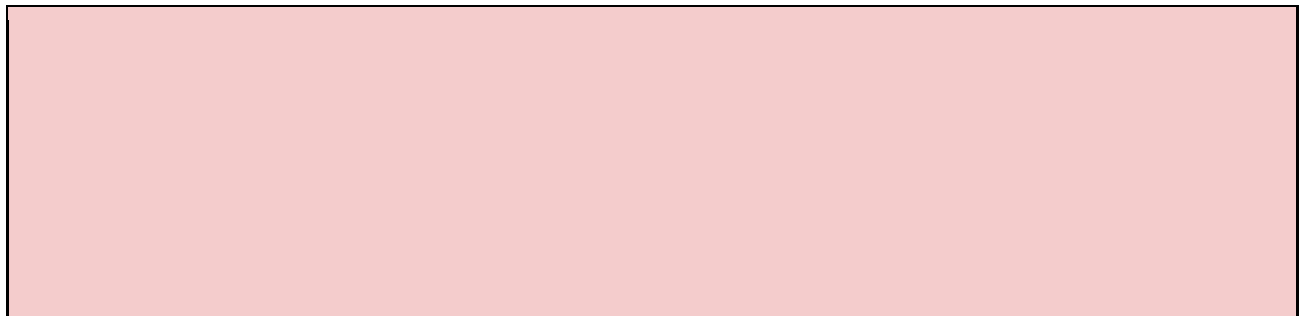


## **Project Culmination**

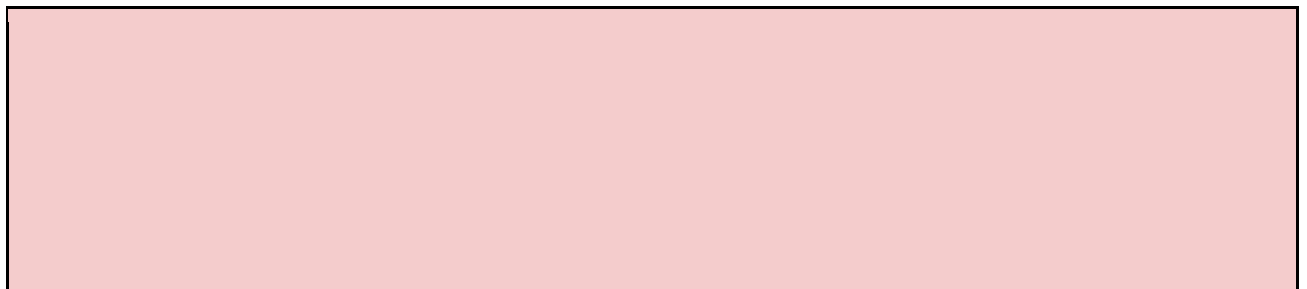
What evidence shows that your solution worked or had an impact?

A large, empty rectangular box with a light pink background and a thin black border, intended for a written response.

What insights did you gain from the entire process? How can I incorporate it into future work?

A large, empty rectangular box with a light pink background and a thin black border, intended for a written response.

How were conflicts or disagreements managed?

A large, empty rectangular box with a light pink background and a thin black border, intended for a written response.