



Introduction (5 minutes)

Welcome to this interactive worksheet on developing a concept paper through collaborative brainstorming and peer review activities! This worksheet is designed for 9-year-old students and aims to enhance their critical thinking, teamwork, and communication skills.

Activity 1: What is a Concept Paper? (10 minutes)

A concept paper is a document that outlines a proposed idea or solution to a problem. It is used to pitch an idea to stakeholders or investors. Can you think of a time when you had to come up with a solution to a problem? What was the problem, and how did you solve it?

1. What is the purpose of a concept paper?

2. Can you think of a problem that you would like to solve? What is the problem, and how would you approach solving it?

Activity 2: Collaborative Brainstorming (15 minutes)

Collaborative brainstorming is a technique used to generate ideas and solutions to problems. It involves working in groups to share ideas and build on each other's thoughts. Can you think of a time when you worked in a group to come up with a solution to a problem? What was the problem, and how did you work together to solve it?

1. What are some benefits of collaborative brainstorming?

2. Can you think of a problem that you would like to solve with your friends or classmates? How would you approach solving it using collaborative brainstorming?

Group Activity: Collaborative Brainstorming (15 minutes)

Group Task:

In groups of 3-4, choose a problem that you would like to solve and use collaborative brainstorming to generate ideas and solutions.

Problem	Ideas	Solutions

Activity 3: Peer Review (10 minutes)

Peer review is the process of giving and receiving feedback on written work from peers. It is an essential part of the writing process and helps to improve the quality of the work. Can you think of a time when you received feedback on your work? How did you use the feedback to improve your work?

1. What is the purpose of peer review?

2. Can you think of a piece of writing that you would like to receive feedback on? How would you approach giving and receiving feedback with your peers?

Group Activity: Peer Review (10 minutes)

Group Task:

In pairs, exchange a piece of writing and provide feedback to each other using the following criteria:

- Content
- Organization
- Style

[Space for feedback]

Activity 4: Concept Paper Development (20 minutes)

Now it's your turn to develop a concept paper! Choose a problem that you would like to solve, and work in a group to come up with a proposed solution. Use the collaborative brainstorming technique to generate ideas and build on each other's thoughts.

1. What problem do you want to solve?

2. What is your proposed solution to the problem?

3. How will you implement your solution?

Group Activity: Concept Paper Development (20 minutes)

Group Task:

In groups of 3-4, develop a concept paper using the following outline:

1. Introduction
2. Problem Statement
3. Proposed Solution
4. Implementation Plan

[Space for concept paper]

Activity 5: Reflection (10 minutes)

Reflect on what you have learned throughout this worksheet. How did you find the collaborative brainstorming and peer review activities? What did you learn about concept paper development?

1. What did you learn about collaborative brainstorming?

2. What did you learn about peer review?

3. What did you learn about concept paper development?

Reflection and Conclusion (10 minutes)

Individual Reflection:

1. What was the most challenging part of this worksheet for you?

2. What did you enjoy most about this worksheet?

3. What do you think you will use from this worksheet in the future?



Assessment (10 minutes)

Use the following criteria to assess your work:

- Did you participate fully in the activities?
- Did you demonstrate an understanding of concept paper development, collaborative brainstorming, and peer review?
- Did you provide constructive feedback to your peers?

Extension (20 minutes)

Choose one of the following extension activities to complete:

1. Develop a detailed outline for your concept paper
2. Draft your concept paper
3. Create a visual aid to accompany your concept paper

[Space for extension activity]

