



TEMPLATE

Name/title	Game: Sustainable Entrepreneurship Challenge
Overview of the materials offered	The Sustainable Entrepreneurship Challenge is a competition that inspires high school students to develop innovative business ideas that address environmental and social issues. Students learn about sustainability and develop comprehensive business plans with a focus on creating a positive impact in their communities. The challenge culminates in pitch presentations where students showcase their ideas to a panel of judges. This challenge fosters creativity, sustainability, and entrepreneurial skills among students.
Copyright or license issues	In public use
Target group(s)	Young people from 16 to 20 years old
Purpose of the proposed materials	The game aims to achieve several key objectives: <ol style="list-style-type: none">1. Foster Innovation: Students are encouraged to think outside the box and come up with innovative business concepts that integrate sustainability principles.2. Promote Sustainability: The game emphasizes the importance of sustainable practices and solutions in entrepreneurship, promoting responsible business practices.3. Encourage Problem-Solving: Students tackle real-world environmental and social issues, developing entrepreneurial solutions that create a positive impact in their communities.4. Develop Entrepreneurial Skills: Through the game, students enhance their skills in critical thinking, creativity, teamwork, communication, and presentation.
Description/structure	<ul style="list-style-type: none">▪ Materials Needed:<ol style="list-style-type: none">1. Game cards (prepared in advance)2. Timer

3. Whiteboard or flip chart
4. Markers
5. Scorecards or small pieces of paper for tracking points
6. Prizes (optional)
 - Instructions:
 1. Divide the students into small teams of 3-4 members.
 2. Explain that the game will simulate the challenges and decision-making processes faced by sustainable entrepreneurs.
 3. Each team will compete against others to make the most sustainable and adaptable business decisions.
 4. Assign one team member as the scorekeeper for their team.
 5. Introduce the game cards, which will contain scenarios and challenges related to sustainable entrepreneurship.
 6. Shuffle the game cards and place them face down in a pile.
 7. Set a time limit (e.g., 30 minutes) for the game.
 - Round 1: Idea Generation (5 minutes)
 1. Give each team a whiteboard or flip chart and markers.
 2. Set the timer for 5 minutes and instruct the teams to brainstorm and write down as many sustainable business ideas as possible.
 3. Encourage creativity and remind them to consider the environmental, social, and economic aspects of sustainability.
 4. After the time is up, have each team present their ideas, and discuss the strengths and potential challenges of each idea as a group.
 - Round 2: Scenario Challenges (15 minutes)

1. Explain that in this round, teams will draw a game card and face a specific scenario or challenge related to sustainable entrepreneurship.
2. Each team will have 2 minutes to read the scenario and discuss how they would respond or adapt their business idea accordingly.
3. The scorekeeper will record the team's response on the scorecard or piece of paper.
4. Start the timer and have the teams take turns drawing a game card and responding to the scenario or challenge.
5. After each turn, facilitate a brief discussion on the team's response, highlighting the elements of flexibility and adaptability demonstrated.
6. Encourage teams to consider innovative and sustainable solutions while adapting to the given circumstances.
 - Round 3: Pitch and Evaluation (10 minutes)
1. In this round, each team will have the opportunity to pitch their final sustainable business idea.
2. Give teams 5 minutes to prepare their pitch, considering the feedback and insights gained from the previous rounds.
3. Each team will have 2 minutes to present their business idea, highlighting its sustainability, adaptability, and potential impact.
4. After each pitch, allow a short Q&A session where other teams can ask questions or provide feedback.
5. Encourage constructive feedback and discussion among teams.
6. The scorekeeper should record the points earned by each team based on their pitch, adaptability, and sustainability aspects.
 - Conclusion and Winner Announcement (5 minutes)
1. Summarize the importance of flexibility and adaptability in the context of sustainable entrepreneurship.

	<ol style="list-style-type: none"> 2. Congratulate all the teams for their efforts and innovative ideas. 3. Announce the team with the highest score as the winner of the Sustainable Entrepreneurship Challenge. 4. Optionally, provide prizes for the winning team or recognition for all participants. 5. Encourage students to reflect on the skills and competencies they developed during the game and how they can apply them in real-life situations. <ul style="list-style-type: none"> ▪ Note: Modify the game duration, rounds, and specific challenges based on the available time and resources. Ensure the game cards contain diverse and thought-provoking scenarios to stimulate critical thinking and problem-solving skills related to sustainable entrepreneurship.
<p>Why are you suggesting it? What can be used to prepare our materials?</p>	<p>Participating in the Sustainable Entrepreneurship Challenge game offers several benefits for students:</p> <ol style="list-style-type: none"> 1. Empowerment: Students gain a sense of empowerment and agency, knowing they can make a difference through entrepreneurship. 2. Practical Experience: They have the opportunity to develop and refine their business plans, gaining practical experience in entrepreneurship. 3. Awareness and Engagement: Students become more aware of sustainability issues and engage actively in finding solutions. 4. Personal Growth: The game fosters personal growth by building confidence, leadership, and problem-solving skills.
<p>Other useful information</p>	<p>Scenarios:</p> <ol style="list-style-type: none"> 1. Scenario: You are an aspiring sustainable entrepreneur who wants to start a clothing brand. However, you discover that the textile industry is one of the largest contributors to pollution and waste. How will you ensure that your clothing brand follows sustainable practices while remaining competitive in the market? 2. Challenge: You have successfully launched a sustainable food delivery service. However, a new competitor enters the market offering lower prices but without any sustainability initiatives. How can you adapt your business model to maintain your



	<p>competitive edge while staying true to your sustainability values?</p> <ol style="list-style-type: none">3. Scenario: Your sustainable tech startup aims to develop affordable renewable energy solutions for rural communities. Unfortunately, you face financial constraints that make it challenging to scale up your operations. How will you find creative funding sources or partnerships to continue your mission?4. Challenge: As a sustainable entrepreneur running a zero-waste store, you realize that some customers are hesitant to adopt sustainable practices due to convenience and price concerns. How will you create awareness and incentivize customers to choose sustainable alternatives without compromising your business's viability?5. Scenario: You own a sustainable fashion brand that upcycles and repurposes textile waste. However, you face difficulty sourcing enough waste materials to meet the demand. How can you build a collaborative network with local businesses or communities to ensure a steady supply of raw materials?6. Challenge: Your sustainable beauty product company is struggling to gain visibility in a market dominated by established brands with unsustainable practices. How can you effectively market your products to emphasize their sustainability features and differentiate yourself from competitors?7. Scenario: Your sustainable agriculture startup is hit by unexpected weather conditions that severely impact your crop yields. How can you adapt your farming methods or diversify your offerings to mitigate the effects of climate change and maintain a sustainable business?8. Challenge: You run a sustainable tourism business focused on ecotourism and cultural preservation. However, local regulations limit your ability to operate in certain areas. How can you collaborate with local authorities and communities to create a mutually beneficial solution that promotes sustainability and supports the local economy? <p>These scenarios and challenges aim to provoke critical thinking and prompt students to consider the complexities and adaptability required in sustainable entrepreneurship. Feel free to modify or expand upon these examples to suit your specific needs and objectives.</p>
STEM	The Sustainable Entrepreneurship Challenge game can be used in STEM (Science, Technology, Engineering, and Mathematics) education. Here's how it can be applied:

	<ol style="list-style-type: none"> 1. Science: Students can explore scientific concepts related to sustainability, such as renewable energy, climate change, or biodiversity loss. They can apply scientific knowledge to develop innovative and sustainable solutions to address these challenges. 2. Technology: Students can leverage technology to develop sustainable business models or create sustainable products and services. They can explore how technology, such as IoT devices, sensors, or data analytics, can contribute to sustainability efforts. 3. Engineering: Students can utilize engineering principles to design and develop sustainable prototypes or systems. They can apply engineering methodologies to enhance the efficiency and effectiveness of their sustainable business ideas. 4. Mathematics: Students can analyze data related to sustainability challenges and develop mathematical models to assess the feasibility and impact of their business concepts. They can also apply mathematical concepts, such as financial calculations or statistical analysis, to evaluate the profitability and sustainability of their ventures. <p>Integrating the Sustainable Entrepreneurship Challenge game into STEM education allows students to apply their STEM knowledge and skills in a real-world context. It encourages interdisciplinary thinking, problem-solving, and the integration of sustainable practices into STEM-related fields.</p>