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| Activity plan | | | | |
| ACTIVITY PLAN | | | | |
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| **Theme** | **Subtopic** | **Activity Title** |
| Environmental Awareness and Conservation | Biodiversity and Ecosystems | Creative Workshop "Sustainable City" |

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| Introduction part (or activity overview) |
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| **Introduction part (or activity overview)** | Creative workshops are interactive and inspiring events where students can create, experiment, and collaborate with each other, creatively solving specific problems or achieving specific goals. Creative workshops encourage participants' activity, collaboration, and creativity in creating a sustainable city plan. |
| **SETTING** | Classroom. |

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| Materials Needed |
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| **Materials Needed** | Used paper and cardboard boxes of various sizes.  Packing paper, cardboard.  Scissors, rulers, pencils, paper cutting knives, glue, hot glue.  Acrylic paints, gouache, brushes, palettes for mixing paints.  Tree branches, straw.  Computers, phones. |

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| **Learning Outcomes** | * Ensure that the homes created are sustainable, made using recycled materials. * Encourage creativity in designing homes that are efficient, aesthetically pleasing, and sustainable. * Develop responsibility and collaboration. Students will work in teams, share ideas, and create together towards a common goal. * Promote a sustainable lifestyle by presenting their projects and sharing their ideas with the community. |  |
| **Activity Contents** | **Activity1:**  **Theoretical Part** (duration: 20 min.):  Step 1. Information on material sorting, recycling process, and sustainability principles.  (The theory, questions, and discussion topics are adapted according to the students' age.) <https://www.zaliasistaskas.lt/teisingo-rusiavimo-atmintine/> Correct Sorting Memo (material for the teacher)  Correct Sorting Memo.  Sorting is a commendable decision. However, it is equally important to do it correctly: throw glass into the green, paper and cardboard into the blue, and plastic, metal, and combined packages into the yellow container.  https://gamtosateitis.lt/kaip-teisingai-rusiuoti-atliekas/  Step 2. Discussion on waste recycling, its importance, and benefits for the environment. (questions, topics for discussion)   * What needs to be known when disposing of paper packaging? * Where does sticky tape go? * Are egg packages considered contaminated waste? How should they be sorted? * What does plastic-coated paper look like and how is it sorted? * Are markers and colored pencils sorted? * Where to throw drawings colored with markers, pencils, watercolors, or gouache? * Where to throw an envelope with bubbles? And where to throw an envelope with a plastic window? * Can only dry packages be thrown into sorting containers, or can they also be wet? * By sorting waste, we turn it into raw material: recycled waste becomes materials for new packaging. This saves dwindling non-renewable resources. * We fight against climate change: sorting reduces the emission of harmful gases released by waste decomposition in landfills. * We save energy: recycling waste saves energy that would be used to produce new packaging.   **Task 1** (Duration: 2.5 hours):  Students divide into groups (2-3 students).  Creating a building (house) from used packaging.  Step 1. Idea Search and Selection.  Online or in their surroundings, students look for examples of buildings. They photograph, sketch, or otherwise save their favorite buildings. Communicating in groups, they discuss ideas and select the one they like the most.  Step 2. Creative Process.  Based on the chosen idea, a house (building) is created. The creative process uses used paper and cardboard boxes, packing paper. Parts of the building are glued together.  Step 3. Finalizing the Object.  The completed house is decorated (colored with paints or using advertising posters, old magazines, etc.)  Step 4. Evaluation and Self-Evaluation.  An evaluation and self-evaluation table is used (APPENDIX 1)  **Task 2** (Duration: 1.5 hours): Designing a city from the created separate buildings (houses).  Step 1. The city is composed of individual, decorated houses (buildings).  A city is created from the built buildings, focusing on the principles of sustainable city creation. Streets, squares, trees are composed. In this part, straw, tree branches, packing paper can be used. The principles of the sustainable city plan include various aspects aimed at creating a living environment that is harmonious, ecological, socially just, and economically sustainable.  Step 2. Created sustainable city plans, consisting of created buildings (houses), streets, green areas are exhibited, photographed, a collage and a virtual exhibition can be created. (FIG. 1) |  |
| **Assessments** | * The created buildings (houses) and city plans are evaluated with points. For evaluation, a table can be used. (APPENDIX 1) |  |
| **Key Competences** | * Creativity competence * Digital competence * Communication competence * Citizenship competence * Cultural competence |  |
| **Connections with Eco STEAM** | Eco - The city created using recycled materials, packaging, and paper.  Science - Engineering solutions will be based on reliable knowledge and data.  Technology - Create a modern, efficient, and sustainable city that meets the needs of contemporary residents and ensures sustainable urban development for the future.  Engineering - The sustainable city will create innovative environments and spaces.  Art - The activity will encourage creativity and community participation.  Math - Mathematical knowledge will be used to calculate the layouts of building walls. |  |
| **References** | How To Make Beautiful Small Cardboard House I DIY Miniature Cardboard House  https://www.youtube.com/watch?v=duSxL5xr2Lk&ab\_channel=Nazimldeas  Duration: Approx. 4.46 minutes  https://www.youtube.com/watch?v=pENbFSv06BA&ab\_channel=FUNLIFE  Duration: Approx. 6.46 minutes |  |
| **Notes** | The city created is presented to the community, highlighting environmental protection and the conservation of natural resources, as well as promoting respect for environmental protection and the conservation of natural resources in urban planning (green areas, forest conservation, maintaining water and air quality, sustainable use of water and energy).  It is important to ensure that the presentation is clear, transparent, and engaging to foster constructive cooperation and dialogue.  The model of the created sustainable city aims to show how a city can be developed or improved in a way that considers sustainability principles, aiming to reduce the negative impact on the environment and improve the well-being of its inhabitants.  It's also possible to create lighting for the city and buildings. |  |
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| APPENDIX 1 |
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**Evaluation and Self-Evaluation Table**

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| Assessment Criteria | Points | Comments |
| Originality | \_\_/5 | How unique and new is the creative work? |
| Expressiveness | \_\_/5 | How well does the creative work convey the creator's ideas, emotions, or viewpoints? |
| Composition and Structure | \_\_/5 | Does the creative work have a clearly defined composition and structure? Is it well-organized and smooth, with a meaningful consistency? |
| Engagement | \_\_/5 | How well does the creative work engage the audience or viewer? |
| Technical Errors and Quality | \_\_/5 | Is the creative work technically orderly and of high quality? |