




Lesson Plan

Lesson 1

Pre-lesson Task





Students bring 2 -3 pieces / pictures of disposed objects from home.

Procedure

Learning Focus (Time)	Activity / Content	Learning & Teaching Strategies	Elements of GE	Learning & Teaching Resources
Vocabulary Items (10 minutes)	<ol style="list-style-type: none"> Students work in pairs to play a guessing game. Each student describes the piece of / picture of disposed object without naming it. The description could involve the following points: <ul style="list-style-type: none"> - the shape of it - the function of it - the materials that the object is made of - when we usually use it - why it was being disposed Another student guesses what it is. 	<p>Making Use of Daily-life Experiences</p> <p>Peer Sharing</p>		A piece / a picture of unwanted object / waste
Values of disposed objects (25 minutes)	<ol style="list-style-type: none"> Students work in groups of heterogeneous ability. Students look for the values of the disposed objects they have. Students brainstorm ideas after looking at the pictures / videos shown by the teacher. Students list out as many products that could be developed from the pieces of disposed objects they have in their groups as possible. Students share their ideas with the rest of the class. 	<p>Peer Collaboration</p> <p>Pre-writing</p>	 	Pictures / videos of products made from recycled materials





Lesson 2

Procedure

Learning Focus (Time)	Activity / Content	Learning & Teaching Strategies	Elements of GE	Learning & Teaching Resources
Making choices (15 minutes)	<ol style="list-style-type: none"> Students categorize the products suggested in the previous lesson into different categories with reference to their functions: <ul style="list-style-type: none"> - toys - decorations - storage - cleaning - others Students sit in groups based on their common interest on the functions of the product they would like to create with the recycled materials. Students with higher ability in English Language analyse the quality of a good / useful product (usefulness, uniqueness, etc.) which could be made from recycled materials. Students with less confidence choose the best product in their groups with the discussed quality proposed by the highly-able students. 	Peer Collaboration	 	
Design of a new product (20 minutes)	<ol style="list-style-type: none"> Students design the product including the following with the target vocabulary items: <ul style="list-style-type: none"> - name of the product - function of the product - the recycled materials required - storage - the tools needed during the production process - illustration of the product Students are then assigned the following duties within groups based on their own strengths: <ul style="list-style-type: none"> - collecting materials - preparing the tools - giving presentations - taking photos of the production process 	Peer Collaboration Strength-based Approach Differentiation	 	Pictures / videos of products made from recycled materials Cameras / tablets



Lesson 3 - 4

Procedure

Learning Focus (Time)	Activity / Content	Learning & Teaching Strategies	Elements of GE	Learning & Teaching Resources
Make adjustments to the design after reflection (20 minutes)	<ol style="list-style-type: none"> Each group receives comments from teachers about the design of the product. Students make reflection on their design and make adjustments with reference to the teacher's comments. 	Peer Collaboration	 	A piece / a picture of unwanted object / waste
Production of the new product (50 minutes)	<ol style="list-style-type: none"> Students write the procedures and create the products according to the roles assigned. Students with higher ability write the procedures and descriptions of the product. Students with less confidence create the products with the recycled materials. 	Strength-based Approach Peer Collaboration	 	Pictures / videos of products made from recycled materials

Lesson 5

Procedure

Learning Focus (Time)	Activity / Content	Learning & Teaching Strategies	Elements of GE	Learning & Teaching Resources
Sharing of students' work and evaluation (25 minutes)	<ol style="list-style-type: none"> Students share about their products by the following: <ul style="list-style-type: none"> - describing the features and functions of the product - describing the procedures of the production process - (for highly-able students) persuading their peers to vote for their products Students vote for the best products according to the following criteria: <ul style="list-style-type: none"> - the uniqueness of the product - the usefulness of the product - the attractiveness of the product Students provide feedback to each group of students according to the following aspects: <ul style="list-style-type: none"> - the uniqueness of the product - the usefulness of the product - the attractiveness of the product 	<p>Peer Collaboration</p> <p>Differentiation</p> <p>Peer Feedback</p>	 	
Design of a new product (20 minutes)	Students make reflection based on the learning process (communication with peers, confidence in giving presentation, engagement in the writing process).			