



Grade 6

Topic: Develop a Brand-New Product to Sell in the Market

Integrated Project

Dear Parents,

Below is the project guideline that teachers will implement with DL and FTF students during their lesson classes.

حضرة أولياء الأمور المحترمين،
يرد في ما يلي، موجز عن خطة المشاريع الصفية والتي ستنفذ من قبل مدرس المادة خلال الحصص مع طلاب DL و FTF.

Target:

- Study the stages of product development.
- Examine a problem faced by a certain group of customers.
- Invent/create an innovative, environmentally friendly product to help the targeted customers.
- Create a bar graph or a line graph showing the number of UAE citizens benefiting from this product.
- Show the probable comparison of the usage of the product in UAE and other gulf countries.
- Use Scratch Website <https://scratch.mit.edu/> to design and code the product
- Add appropriate sprites and backgrounds
- Use scratch to develop a brand-new product to sell in the market

Project Objectives:

- Deepen the understanding and retaining the content knowledge.
- Develop their creativity and problem-solving skills
- Improve their reading, writing, and research skills
- Enhance their presentation and ICT skills
- Elaborate their point of view in discussions with reasons and evidence

Project Timeline:

- Students will be working individually on their projects.
- Students will plan for the project in week 7 in the school, the research part will be done at home.
- The project preparation and presentation will be done during classes in week 8.
- The cameras should be opened for DL students while preparing the project.
- Students will submit the deliverable maximum by week 9.
- Recording a video is optional for students.

Integration across Subjects

Each teacher will explain related subject requirements. Then, the teacher will provide the students with the necessary support, as shown below.

English Language:

Give a brief description of the product you are planning to invent.

Compose a well-organized writing piece about the stages of product development.

Present the new product attractively and convincingly through discussion with reasons and evidence.

Students will showcase the value that is added to the UAE environment by implementing this idea.

Science:

Students will discuss a problem faced by a specific group of customers.

They will invent/create an environmentally friendly product. How will this product be beneficial for the customers?

Mathematics

Through a bar chart, show how many people will be using the invented product in UAE. In addition, your bar chart should show the usage of the product in the following years. 2021-2022-2023-2024-2025 (each year separately)

اللغة العربية:

يعرض الطالب المعلومات التي جمعها بطريقة منظمة، مراعيًا استخدام اللغة العربية الفصيحة والسلامة اللغوية والإملائية

التربية الإسلامية:

الحديث عن أهمية العمل وإتقانه (في تصميمه للمنتج الذي يخطط لاختراعه) في ظل الآيات القرآنية والأحاديث النبوية

التربية الوطنية:

الحديث عن المنتجات الإماراتية التي تم اختراعها بأيادٍ إماراتية .

التربية الأخلاقية:

الحديث عن القيم المستفادة (أثرها على قيم المجتمع) من المشروع الذي يخطط الطالب لاختراعه.

Outcomes

- Deliverable (ppt/a poster/a leaflet/ a model etc.) you may choose any deliverable-The above-mentioned are just a few examples.
- Recorded videos- minimum of 5 minutes-**Optional**