Unit planner: Can we create the next winning product? Yr5 3 weeks

Key Concepts:
Sustainability

Intent:
To understand how products are designed in order to solve a problem.

National Curriculum Statements (TargetTracker)

Pupils will be taught to –

Art

Develop different ideas which can be used and explain his/her choices for the materials and techniques used.

Confidently and systematically investigate the potential of new and unfamiliar materials and use these learnt techniques within his/her work.

Evaluate his/her work against their intended outcome.

DT

Use his/her research into existing products and his/her market research to inform the design of his/her own innovative product.

Create prototypes to show his/her ideas.

Produce step by step plans to guide his/her making, demonstrating that he/she can apply his/her knowledge of different materials, tools and techniques.

Make detailed evaluations about existing products and his/her own considering the views of others to improve his/her work.

Computing

Begin to use internet services to share and transfer data to a third party.

Independently select and use appropriate software for a task.

Independently select, use and combine a variety of software to design and create content for a given audience.

Starter: Convince me! game **Outcome: Present our product to the Dragon's.**

Art/DT

Can I create persuasive posters and advertising materials? Can I understand the problems we face and find a solution? Can I identify and develop a solution to a chosen problem? Can I create and evaluate a product?	• Advertising • Problem • Solution • PSTB • Evaluate	• Pros • Cons • Barriers • USP

ICT

Can I create a PowerPoint to pitch our product? Can I create a business plan that includes all required information? Can I create a pitch for our product? Can I use the Green screen to create a product advert? Can I create a survey for market research purposes?	• PowerPoint • Format • Pitch • Market Research • Survey	• Tallies • Purposeful • Filming • Editing • Target Audience

Pupil lead learning:

Working in small groups focusing on a different area of Dragons Den. E.g. Marketing, Pitch, PowerPoint, Advertising material etc.	•

Reflection:

• Presentation to Dragons	• Reflection and evaluation of Product.

Text types:	Literature:	Maths link	Enrichment
• Explanation Texts • Persuasive Texts • Story of change • Diary entry	• The Promise	• Create tallies/graphs on Market research	•