

THE KINGS LANGLEY DESIGN AND **TECHNOLOGY LEARNING JOURNEY**

"Enjoy failure and learn from it. You never learn from success." James Dyson.



Apply for and work in a

Year

12/13



Complete written examination in GCSE Design and Technology

YEAR

Complete work on Non-Exam Assessment worth 50% of final grade

Revise hard for your examinations



Develop prototype for the NEA

produce revision

materials and

prepare for

assessments

college level to gain a qualification and progress into the industry

Apply to study Product

Design or Fashion at

Complete written examination A level in Design and Technology or Fashion and textiles

Study hard for you're A level. Complete the NEA and examination requirement

Developing knowledge

Smart, technical and

modern materials

Key Companies;-

Gap, Nike, Zara

Primark, Apple,

Under amour

Braun

Graphics

Attend A level options evening, try a taster

Take Year 9 written

and practical

assessments

Textiles

learning by attending catch up/revision after school sessions

Show a responsibility for

Exam Assessment worth 50% of final grade Working in

Begin design work on Non-

understanding of Materials. components and practical techniques

partnerships during practical lessons to learn high level skills

June 1st- AQA exam board releases contextual challenges. Start work on the NEA

Prepare for

GCSE by

written

practicing

questions and sample

NEA tasks

Knowledge

design and

making

principals

examination

Practical work

Storage container desk tidy

Architectural model Celebration Bunting



Develop skills: following own design plans and creating a plan of making

Consider Design and Technology as a GCSE option

YEAR

Graphic (_____

Take Year 8 written

and practical

assessments

Cross curricular link: Geography –where materials are sourced

Learn about the school's Character program and apply it to working in the Design and Technology workshops classroom <u>£</u>mpath<u>y</u>

Stickability **Self-regulation**

Join a DT club

Chefs

Sewing

Kings

Langley

Visit the

Transition

Programme.

school and

meet vour

Form Tutor Experience a design and technology taster lesson

3D Printing

Comic book

Attend Summer School

Actively seek

out DT rewards

STEM: 3D

printing

Key designers;-Alessi, Vivienne Westwood,

Select Design and

technology as one

of your GCSE

options

challenge

Functional properties of materials.



Understanding

environmental

and utilizing

the 6R-

issues

Health and safety:

Learn the basic

hand tools and

requirements for

safety precautions

Gain knowledge about

Recycle items at

home

STEM: Group

work 3D design

Maintain skill set: Using a sewing machine, vacuum former, laser cutter.

Textiles

Develop a basic skill

How to draw, sew.

cut out, identify

materials and

components



responsibility and

Developing



mini design and

make products

Teamwork - working in pairs or as part of a group in all practical

specialist

technical

principals



Enter the annual Knowledge

Rotary Chef

Competition

Maintain health and safety principles and expectations

YEAR

core technica

principals



Department

Become a

Design and

Technology

School

Leader



and delegate jobs

sharing a practical work area and equipment '

Demonstrate prior knowledge sit baseline Design and Technology testidentify equipment and skills.

YEAR



Introduction to a DT group and rotation format





drawing,

Take an interest in the world around you. Look at products when vou use themwhat are they made of ? How do they work?

Resistant Materials

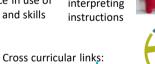
Practical work

Storage box

Soft monster tov

Develop skills: following and interpreting instructions

Key skills range of Knowledge



Support others in

Resistant Materials

developing their



Learning about finishing techniques and the importance of the appearance of a product



Take Year 7 written and

practical

in Design

Technology

and

Get involved in

the STEM fair

challenge

assessments

Graphics —— Textiles



Practical work healthy eating and how to Cushion



Blister pack, lego man Photo frame

Discover practical

skills like knitting,

Developing more

independence in use of

equipment and skills



Apply for a

Langley

Art, Maths, English,

Sustainability: Learn about food miles, seasonal food and the impact food has on the environment

place at Kings

STEM:

the DT

industry

Careers in









of discovery of Design and technology to develop a lifelong love of learning

Start your journey





UNLOCKING POTENTIAL FOR LIFE