



YEAR 8

| YEAR | TRINITY 2 | MICHAELMAS 1 | MICHAELMAS 2 | LENT 1 | LENT 2 | TRINITY 1 |
|------|---|--------------|--------------|--------|--------|-----------|
| 8 | <p>Pupils rotate in a 9 week rotation between the following areas. Art, FPN, Textiles and DT over the course of Year 8. Groups have one double and a single lesson each week, pupils will be taught across two rooms (workshop and computer room).</p> <p><u>Upcycling Lamp</u></p> <p><u>Week 1 –</u></p> <ul style="list-style-type: none"> • Review of learning so far – What can they remember • What are we doing to our environment? What damages our world? Introduction to the design project • 6 R's product analysis • Introduction to Bauhaus • Task analysis; pupils investigate user needs for a lamp in order to identify and solve their own problem (why do we need a lamp? Where this lamp could be used?) • Design Specification to be written for their own user needs and wants. <p>HL – Mood board based on the a specific designers - Josef Albers, Wassily Kandinsky, Marcel Breuer and Paul Klee</p> <p><u>Week 2 -</u></p> <ul style="list-style-type: none"> • Recap on Health & safety in the workshop • What is a working drawing? Why is a working drawing important? • Begin building of the lamp. How to mark off measurements correctly? Use of hand tools and portable drills • Introduction to design of the lamp wrap (Target setting for design) • Recap to Production Log <p>HL – What is the purpose of packaging?</p> <p><u>Week 3 & 4</u></p> <ul style="list-style-type: none"> • Continue to build lamp • Introduction to different types of components used (bolts / nuts / washers / wingnuts) • Continue with lamp wrap design and development. • Production Log <p>H/L – Papers & Boards fact file</p> <p><u>Week 5</u></p> <ul style="list-style-type: none"> • Recap of 2D design • Build design on 2D design for lamp wrap • Introduction to different types of packaging and nets. How does this impact the environment? • Development of packaging for lamp. • Production Log <p>H/L – Fact file on basic electronics</p> <p><u>Week 6 , 7 & 8</u></p> <ul style="list-style-type: none"> • Introduction to electronics • Begin to build circuit for lamp. • Continue to make lamp and packaging – where needed • Production Log <p>H/L – refer to synergy</p> <p><u>Week 9</u></p> | | | | | |



Saint Michael's CE High School

A Church of England Academy

- Review of learning – set targets for next project
- Finishing touches to lamp & packaging
- Photographs of final products
- Complete Evaluation process on Final products.