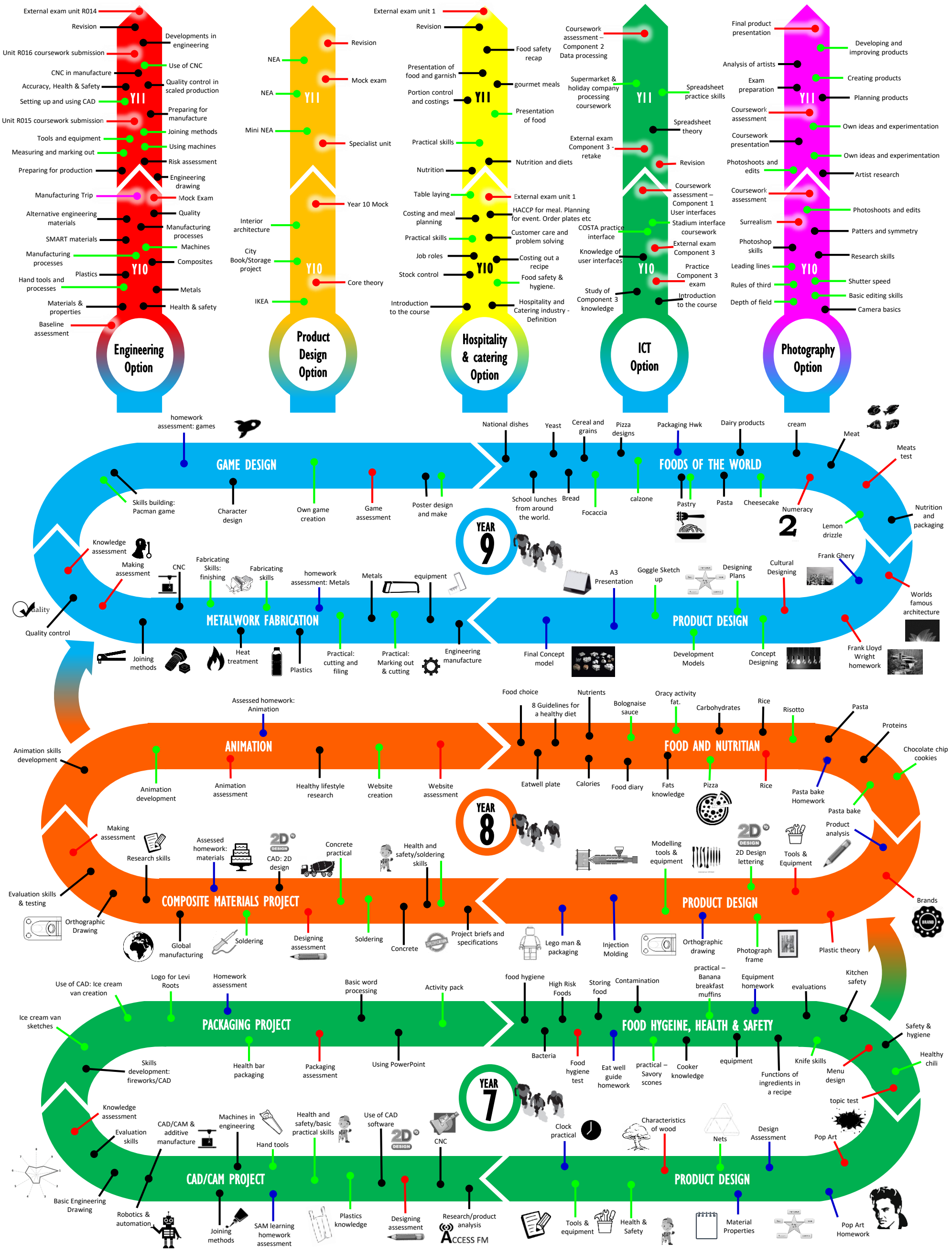
Engineering Option
Y11
External exam unit R014
Revision
Unit R016 coursework submission
CNC in manufacture
Accuracy, Health & Safety
Setting up and using CAD
Unit R015 coursework submission
Tools and equipment
Measuring and marking out
Preparing for production
Manufacturing Trip
Alternative engineering materials
SMART materials
Manufacturing processes
Plastics
Hand tools and processes
Materials & properties
Baseline assessment
Developments in engineering
Use of CNC
Quality control in scaled production
Preparing for manufacture
Joining methods
Using machines
Risk assessment
Engineering drawing
Mock Exam
Quality
Manufacturing processes
Machines
Composites
Metals
Health & safety
Y10
Product Design Option
Y11
Revision
NEA
Mock exam
NEA
Mini NEA
Specialist unit
Y10
Year 10 Mock
Interior architecture
City Book/Storage project
Core theory
IKEA
Hospitality & catering Option
Y11
External exam unit 1
Revision
Food safety recap
Presentation of food and garnish
gourmet meals
Portion control and costings
Presentation of food
Practical skills
Nutrition and diets
Nutrition
Y10
Table laying
External exam unit 1
Costing and meal planning
HACCP for meal. Planning for event. Order plates etc
Practical skills
Customer care and problem solving
Job roles
Costing out a recipe
Stock control
Food safety & hygiene.
Introduction to the course
Hospitality and Catering industry - Definition
ICT Option
Y11
Coursework assessment – Component 2 Data processing
Supermarket & holiday company processing coursework
Spreadsheet practice skills
Spreadsheet theory
External exam Component 3 - retake
Revision
Y10
Coursework assessment – Component 1 User interfaces
Stadium interface coursework
COSTA practice interface
External exam Component 3
Knowledge of user interfaces
Practice Component 3 exam
Study of Component 3 knowledge
Introduction to the course
Photography Option
Y11
Final product presentation
Developing and improving products
Analysis of artists
Exam preparation
Creating products
Planning products
Coursework assessment
Own ideas and experimentation
Coursework presentation
Own ideas and experimentation
Photoshoots and edits
Artist research
Y10
Coursework assessment
Photoshoots and edits
Surrealism
Patters and symmetry
Photoshop skills
Research skills
Leading lines
Shutter speed
Rules of third
Basic editing skills
Depth of field
Camera basics
YEAR 9
GAME DESIGN
homework assessment: games
Skills building: Pacman game
Character design
Own game creation
Game assessment
Poster design and make
FOODS OF THE WORLD
National dishes
Yeast
Cereal and grains
Pizza designs
Packaging Hwk
Dairy products
cream
Meat
Meats test
School lunches from around the world.
Bread
Focaccia
calzone
Pastry
Pasta
Cheesecake
Numeracy
Lemon drizzle
Nutrition and packaging
METALWORK FABRICATION
Knowledge assessment
Making assessment
CNC
Fabricating Skills: finishing
Fabricating skills
homework assessment: Metals
Metals
equipment
Quality control
Joining methods
Heat treatment
Plastics
Practical: cutting and filing
Practical: Marking out & cutting
Engineering manufacture
PRODUCT DESIGN
A3 Presentation
Goggle Sketch up
Designing Plans
Cultural Designing
Frank Ghery
Worlds famous architecture
Final Concept model
Development Models
Concept Designing
Frank Lloyd Wright homework
YEAR 8
ANIMATION
Assessed homework: Animation
Animation skills development
Animation development
Animation assessment
Healthy lifestyle research
Website creation
Website assessment
FOOD AND NUTRITIAN
Food choice
8 Guidelines for a healthy diet
Nutrients
Bolognaise sauce
Oracy activity fat.
Carbohydrates
Rice
Risotto
Pasta
Proteins
Chocolate chip cookies
Eatwell plate
Calories
Food diary
Fats knowledge
Pizza
Rice
Pasta bake Homework
Pasta bake
COMPOSITE MATERIALS PROJECT
Making assessment
Research skills
Assessed homework: materials
CAD: 2D design
Concrete practical
Health and safety/soldering skills
Evaluation skills & testing
Orthographic Drawing
Global manufacturing
Soldering
Designing assessment
Soldering
Concrete
Project briefs and specifications
PRODUCT DESIGN
Modelling tools & equipment
2D Design lettering
Tools & Equipment
Product analysis
Brands
Lego man & packaging
Injection Molding
Orthographic drawing
Photograph frame
Plastic theory
YEAR 7
PACKAGING PROJECT
Use of CAD: Ice cream van creation
Logo for Levi Roots
Homework assessment
Basic word processing
Activity pack
Ice cream van sketches
Skills development: fireworks/CAD
Health bar packaging
Packaging assessment
Using PowerPoint
FOOD HYGEINE, HEALTH & SAFETY
food hygiene
High Risk Foods
Storing food
Contamination
practical – Banana breakfast muffins
Equipment homework
evaluations
Kitchen safety
Safety & hygiene
Healthy chili
Bacteria
Food hygiene test
Eat well guide homework
practical – Savory scones
Cooker knowledge
equipment
Functions of ingredients in a recipe
Knife skills
Menu design
topic test
Pop Art
CAD/CAM PROJECT
Knowledge assessment
Evaluation skills
CAD/CAM & additive manufacture
Machines in engineering
Hand tools
Health and safety/basic practical skills
Use of CAD software
CNC
Basic Engineering Drawing
Robotics & automation
Joining methods
SAM learning homework assessment
Plastics knowledge
Designing assessment
Research/product analysis
ACCESS FM
PRODUCT DESIGN
Clock practical
Characteristics of wood
Nets
Design Assessment
Tools & equipment
Health & Safety
Material Properties
Pop Art Homework