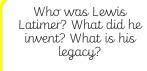
Entry Task

Pupils create personal timelines recording their experience, memories and achievements throughout their time at Malvern and consider what they hope to accomplish as they move towards secondary education.



What symbols are used to make electric circuits? Can

I use them in diagrams and explain what they show?

What will happen to the brightness of a lamp or volume of buzzer of the number of batteries increase? Can I compare and give reasons for their functions?

circuits demonstrating an understanding of components, identifying and correcting errors?

Can I construct complex

What will happen if I had more switches? Is their position important?

Visit the <u>settlement</u> of New Brighton. <u>jexplore</u> and Photograph a range of human and physical features of the area. Measure/ record the traffic and footfall



What to revisit?

Year 4—Identify electric appliances, construct and label a simple series circuit and recognise some common conductors and insulators.

Year 3/6—Light: identifying light travels sin straight lines and is the absence of darkness.

Threads

Health, Exploration, Reflection, Community, Settlement, Navigation

Visit <u>explore</u> and observe the surrounding area of the <u>settlement</u> of Huyton (local <u>community</u>) Photograph a range of human and physical features of the area. Measure/record_ the traffic and footfall. Can I produce graphs to compare the traffic and footfall of the <u>settlement</u> of Huyton to New Brighton?

Key Vocabulary

As a design technologist, I will use... Protein, carbohydrate, fruit and vegetables, fats and oils, dairy, fresh, precooked, processed, grown, rear, caught, manufacture, sustainable, food miles, waste, CAD, mock-up, nutritionally valuable, wash, slice, cut, prepare, pitch, justify, budget

As a geographer I will use... aerial view, compass, co-ordinate, grid reference, landmark, map, atlas, land, physical and human geography, symbol

As a scientist, I will use... angle of incidence, angle of reflection, refraction, spectrum, translucent, periscope, periscope, series circuit, parallel circuit, resistance, voltage, terminal, loose connection, component

Big Question

How can circuit be varied and what affect does it have? How and why does our local area compare to another area?

Can I demonstrate a range of cooking, combining and preparing skills? (wash, slice, sift, stir, chop, dissolve, pour, measure, boil). Working safely and hygienically, can I make and serve my meal?

Can I work collaboratively to pitch my meal idea and packaging to a panel considering the design brief and justifying choices? Can I rank groups according to their success, providing a rational for their placing?

Working together, can I to design a meal for 6 people that has the lowest price point, is the most sustainable and is nutritionally valuable? Can I shop for ingredients?

Can I research existing products evaluating what makes packaging appealing? (name, description, allergens, nutritional information, cooking and storage advice, price, origin etc.) Can I design mock up packaging for my meal using computer aided design?

How do the human and physical geographical features of New Brighton compare to Huyton?

Using observations and digital technologies, can I produce a sketch map and plan of New Brighton and Huyton Village land use, using the following mapping symbols? Theme/pleasure park, public house, recreation/leisure/sports-centre, vicitor centre, public park/garden, slipway, lighthouse/beacon, coast

How can I use 6 figure grid references to locate symbols on a map and give directions and <u>navigate</u> from one place_ to another? Where does food come from and can I order and explain the manufacturing process? Can I explain sustainability? Can I suggest ways of making more sustainable meals considering production, manufacturing, waste and packaging?

What makes a balanced and healthy diet? Can I recall my understanding of food groups; fresh, pre-cooked and processed boods; grown, reared, caught and processed foods?

Can I apply my understanding of 6 figure grid references to gain a wider understanding of the world and compare to the UK?

DRIVER SUBJECTS ARE: SCIENCE, GEOGRAPHY & DT,

Celebration/Evaluation

Children to invite their families in to share the meals that they have made as a part of their end of year celebrations.

Curriculum Passport Challenge

I can perform alongside my peers in a performance celebrating my time at primary school.