

# 'Shining Light on Potential'

LONDON SOUTH EAST ACADEMIES TRUST



BROMLEY BEACON ACADEMY

YEAR 13

**Level 2 Portfolio Completion and GCSE exams for those who are able.**

STEM PROJECT

Local Ecology Coursework

**Pathway 2: Gateway Applied Science Level 2 Award, certificate and diploma**



**Level 2 Qualifications: Applied Science Award, Certificate Diploma and/or AQA Combined Science GCSE (Trilogy)**

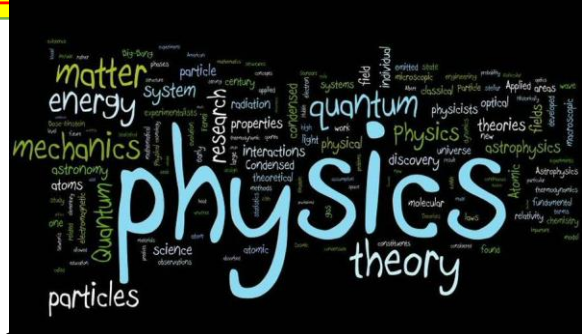
YEAR 12

**Pathway 1: AQA Trilogy Science GCSE at Foundation and higher level**

STEM PROJECT



Our Solar System



YEAR 11

Summative assessments

**Gateway Applied Science Award L1&2**

Practical Investigations

**LO4: Electricity and electronics**

Formative Assessments.

Baseline assessment on HL



End of year Internal/External Evaluation of qualification.



**LO 3: Healthy Living Continuation:** Creating a nutritional healthcare plan for individual Effects of diet, health and wellbeing.

**LO 2:** The effects of diet on health and wellbeing

**LO 1:** Lifestyle factors and health on individuals. The effects of diet on health and wellbeing, and creating nutritional plan.

**Introduction to Healthy Living:** People, lifestyles, health and effects on individuals

Summative assessments

Formative Assessments

YEAR 10

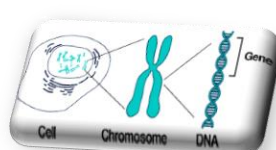
Practical Investigations

**Introduction to GENES and their role in INHERITANCE AND VARIATION.**

**LO 3 The Role Of Genes In Inheritance And Variation:** Genes in inheritance; Genes in variation; Genetic variation; Environmental variation, Phenotypic features.

Baseline assessment on Unit 3: Genes, Inheritance and Variation

End of year: Internal Marking And Evaluation.



BBA7 Tasks at all lessons.

Practical Investigations

Baseline assessment on Unit 2: **Ecosystem**

**Understanding KEY WORDS:** Deforestation, Desertification and Urbanisation; adaptation, Organism and human impact.

YEAR 9

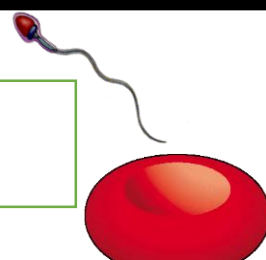
**Unit 1: The Study of the Living system**

Formative Assessments.

Summative assessment

**Unit 2: Healthy Living**

Baseline assessment on Unit 1: **Cells and Functions**



**LO 1 Know About Cells And Their Functions:** Animal cell Plant cell; Differences in structure; How they function; Homeostasis; Nervous system; Endocrine system

**LO 2 Introduction to Ecosystem:** A variety of documentaries, case study, statistics

**Level 1 Qualifications: Award, certificate and diploma Diploma and GCSE**

Our Core Values at BBAB are: RELATIONSHIPS, INTEGRITY, HONESTY, TEAMWORK and TRUST

**We do it the RIHTT way**