Technology in the KS3 programme at Budmouth Academy. 2020 to 2022.

Key stage 3Technology is a set of very practical subject specialisms. They are all underpinned with rigorous theory. Students learn key skills and practise them in specialist teaching rooms. Students learn about design and what makes 'good design', they practise drawing, planning, programming and manufacturing well made products in a safe environment.

Teachers and students are busy in their classrooms, working together in a relaxed, calm, and safe environment. Students in years KS3 enter a clear 'carouselle system', visiting the five specialist areas:-

- Textiles.
- Food preparation and nutrition.
- Graphics.
- Resistant Materials.
- Computer science with i Media

During the three year Technology Key Stage all students will experience the five specialist areas at least once. Each Technology project has a motivational design situation and theme. We want students to enjoy the practical projects, learn key skills, knowledge and develop their confidence and capability over the three years. Teachers will mark your child's work and provide valuable feedback which students are encouraged to act on. The KS3 teacher's ensure the students know the level they are working at in their technology curriculum and accurately show how students can progress. We want students to leave their lesson talking about their ideas, looking forward to their next lesson and thinking about furthering their Technology experience in Key Stage Four.

Technology in the KS4 programme at Budmouth Academy 2020 to 2022.

Key stage 4 Technology is a set of very practical subject specialisms. They are all underpinned with rigorous theory.

Students have chosen their Technology options at the end of year 9. In year 10 students start the two year course in one or more of the specialist areas. These include:-

- Food preparation and nutrition.
- Textiles. (D&T)
- Graphics. (D&T)
- Resistant Materials. (D&T)
- Engineering
- Computer science
- i Media

Projects in year 10 are focussed on the specialist skills and the theory needed to ensure students gain their best grade in their chosen specialism. Teachers will mark their work and provide valuable feedback which students act on. The teachers know the level that each student starts their course with and can accurately show how students are progressing during the year. The emphasis is on 'working effectively in lessons' on theory and coursework. Regular homework tasks are given to develop a student's personal learning skills and preparation for future learning. A regular planned theory lesson is used specifically to immerse students in their subject knowledge. This focus is on passing exams and developing technical excellence in their . Students falling behind on their coursework are given specific intervention targets and are helped on Thursdays after school in 'GCSE Intervention' sessions.

**Technology in the KS5 programme
at Budmouth Academy 2020 to 2022.**

Key stage 5 Technology is a set of technical subject specialisms with a vocational focus. They are all supported with practical projects to test student's theoretical ideas. Students enter a two year course in any of five specialist areas

- Textiles.
- Product Design.
- Engineering Design.
- Computer Science.
- Information Technology.

Students come from varying backgrounds and have different skill sets. Staff introduce the group to the subject with a 'mini skills' project. Students are expected to complete three hours of learning per week in their own time. Teachers set clear achievable projects in year twelve that are demanding and cover the specification fully. Teachers mark their students' work and provide valuable feedback which students act on. The KS5 teachers know the level their students start their KS5 DT curriculum. Teachers will accurately show how students are progressing during their two year programme. Regular planned theory lessons are used specifically to immerse students in their subject knowledge. This focus is aimed at passing exams and entering technically excellent work in their coursework components. Students falling behind on their coursework are given an intervention specific target. They get support and a deadline to catch up. A key feature in the Technology AS / A2 level is the student's depth of thought and analysis. Creativity from this analysis delivers outstanding coursework and the well planned theory ensures excellent exam grades. Students complete their course and feel they have learned new skills and gained appropriate knowledge that will help them in their next university course, apprenticeship programme or career path.