

YEAR 10 TASTER DAYS

2023



IT'S YOUR FUTURE!

Use this page to help you decide on the best career pathway for you from the following pages.

My chosen career pathway

What subjects do I enjoy?

My career ideas...

Here are some pointers to get you thinking...

- I feel qualifications are important*
- I want to gain practical experience*
- I am creative*
- I like to work with people*
- I want to earn lots of money*

Think about your goals. What are they?

- qualifications*
- travel*
- career*
- something else...?*

Who are the people and organisations who inspire me?

VOCATIONAL COURSES

These subjects are for all three sessions on the day so only choose one subject:

SUBJECT	DESCRIPTION
AUTOMOTIVE	During this session you will learn the procedure for removing wheels from a car, conducting visual checks and replacing them. You will compete against another team of learners in a Pit Stop Challenge to see who is fastest.
CONSTRUCTION – BRICK	During this session you will be laying bricks to a line to test your trowel skills and hand eye coordination.
CONSTRUCTION – CARPENTRY	During this session you will learn how to read and produce technical drawings. You will also construct a TEE BRIDLE joint.
DANCE	You will be learning 3 styles of dance which will give you an insight of the full-time dance course. After workshopping in the 3 styles, we will then continue with one of the styles creating and collaborating movement to develop a large group routine.
EARLY YEARS TEACHING	Learning through play. Introduction to Schema, and how children learn through purposely planned activities, encouraging curiosity. A mix of practical and theory.

ELECTRICAL

During this session you will be exploring aspects of the industry but primarily installation technology.

You will start to look at the principles of how a basic electrical circuit works and be introduced to the concept of resistance, current and voltage. You will then install a lighting circuit to industry standard and test your lighting circuit to industry guidelines.

HAIRDRESSING

You will have three interactive different sessions throughout your day.

Each session is a hands on practical experience. Be prepared to have a go and participate in all the activities.

NURSING

Introduction into health: Juno- simulation session covering fundamentals of nursing. Communication, the 6C's, handwashing station, observation station rotational event. Nursing is Art/Science talk. Careers in health.

PERFORMING ARTS

In the dance section of this session, you will learn a snippet of a musical theatre routine. The acting portion of this session you will be exploring devising from a stimulus and the application of a selection of contemporary techniques. For the singing section of the day, you will look at two songs including a contemporary song and a well-known Musical Theatre song. You will look at the different styles and will work on harmonies for both.

PUBLIC SERVICES

In this 3-hour session we will explore the skills and qualities needed for entry into the uniformed public services. This will cover fitness entry requirements for one military service and one emergency service.

A successful career in any public services involves strong leadership and problem-solving skills so we will also look at different types of leader. Finally, we will explore the value of the public services in society looking at the impacts of different public services on community, and culture.

SPORT

In the current Sport industry, there are three main areas for most people to earn money. These are Nutrition, Coaching and Fitness. This can begin from a fitness instructor or exercise class instructor all the way through to a professional strength and conditioning coach. In this session we will explore all three.

We will look at anaerobic and aerobic fitness training. Leading Sports activities and a short lecture on the fundamentals of sports nutrition. We hope to expose you to the types of things we explore here at Andover College through these three workshops.

A LEVELS

These subjects are one hourly sessions so you need to choose three different subjects on the day:

SUBJECT	DESCRIPTION
3D/PRODUCT DESIGN	Look at the world through the lens of a designer. This is a practical session and we will look at where creativity meets design, where design has a purpose and how design can influence societal behaviours.
ACTING	During this session you will be exploring how to create new performance work from a stimulus. We will use a selection of performance techniques to create short pieces of contemporary performance.
BIOLOGY	You will make lactose free milk using immobilised enzymes. You will also explore the biological molecules and enzymes involved in this process.
BUSINESS	Investigate the impact of digitalisation on the business, user experience and wider environment.
CHEMISTRY	Chemists Love Moles! An introduction to A Level chemistry where you will learn to appreciate the importance of the mole and how we use it to determine the correct amounts needed for reactions and prepare gunpowder.

COMPUTING

The key to computer science is solving problems. In order to solve problems effectively it is necessary to understand them fully, pulling them apart until the required data types, intricate algorithms and programming language syntax start to coalesce into an efficient program that is fit for purpose.

The aim of this taster program is to encourage you to transform yourself from a computer program user to a computer program developer, capable of designing and programming smart solutions to new problems.

CRIMINOLOGY

You will consider the question; Are criminals born criminal or created? Looking at biological and individualistic theories of crime to explain why people commit crime.

DIGITAL DESIGN, PRODUCTION AND DEVELOPMENT

Cyber Security: As IT system security defences become more robust, attack methods become more sophisticated.

IT professionals require a good understanding of current security threats and of how to apply appropriate protection methods for any given situation. The taster will introduce you to many different types of security attack, the vulnerabilities that exist and techniques that can be used to defend the IT systems of organisations. You will learn how to configure an IT system's access control settings to control user access to various IT system resources.

DIGITAL DESIGN, PRODUCTION AND DEVELOPMENT CONTINUED...

Programming: The key to computer science is solving problems. In order to solve problems effectively it is necessary to understand them fully, pulling them apart until the required data types, intricate algorithms and programming language syntax start to coalesce into an efficient program that is fit for purpose.

The aim of this taster program is to encourage you to transform yourself from a computer program user to a computer program developer, capable of designing and programming smart solutions to new problems.

Business: Investigate the impact of digitalisation on the business, user experience and wider environment.

EARLY MODERN HISTORY

Students will explore how the prohibition of alcohol in 1920's America impacted the power of organised criminal gangs.

ENGLISH LANGUAGE

You will explore an aspect of language analysis (Forensic Linguistics). You will learn how language analysis is applied to a variety of texts to solve crimes, such as handwriting, types of language used and spoken language features such as tone and fillers in speech.

ENGLISH LITERATURE

Big Brother is watching you! How is government corruption and surveillance represented in literature?

You will analyse different dystopian texts from *The Handmaid's Tale* to *Nineteen-Eighty-Four*.

ENGLISH LANGUAGE AND LITERATURE

Is truth really stranger than fiction? You will explore how newspapers and novelists represent a sensationally, grisly Victorian crime and use their techniques to create your own piece of creative writing.

ENVIRONMENTAL SCIENCE

You will learn about the greenhouse effect by measuring the temperature of the sky and clouds far overhead using an infrared thermometer.

ESPORTS

On this taster session, you will learn what to expect if you were to join one of the full-time esports courses. You will get to experience our esports arena where we will run a small tournament to give you the chance to show off your gaming skills.

This tournament will showcase the gaming facilities at the college and allow you to see what our esports society is like.

FASHION

You will explore heat transfer printing. This session will focus on a textile printing method on the fabric. You will look at the work of designers and create a piece of fabric inspired by the designer.

FILM & DIGITAL MEDIA

Alfred Hitchcock's 'Psycho' was a landmark in terms of editing for the time that it was released. To this day, 'the shower sequence' is still regarded as one of the best edited sequences in movie history. You will learn how to edit with a 'paper cut' which will allow you to collaborate, to make decisions, to create your own 'Hitchcut' of Hitchcock's famous shower sequence, and in the process learn a lot of the skills required for film editing. You will then be able to expand this task into creating your own edits, by using the decision making you have learnt.

FILM STUDIES

Script Writing - Five Finger Pitch - how are ideas for films created. Narrative structuring - create your own idea for a script.

FINANCIAL STUDIES

You will explore areas of investment and asset classes within the financial services sector including why some are profitable.

FINE ART

What happens when you draw with tape? Paint with wire? Or collage with plastic packaging? For this practical session we will bring together a range of drawing, painting, and mixed media experiments to create responses to a neon light installation inspired by Dan Flavin.

FORENSICS*

This is a 2-hour session so you need to choose one other subject on the day

There's been a murder... Use Forensic Entomology, fingerprinting and witness statements to determine the time of death and solve the mysterious case of Ryan Taggart.

GEOGRAPHY

You will learn about the greenhouse effect by measuring the temperature of the sky and clouds far overhead using an infrared thermometer.

GRAPHICS AND ANIMATION

You will work with fonts, symbols and images to create a mini-magazine. You will work hands on with a range of materials to explore slogans, characters, logos, and typography.

HEALTH AND SOCIAL CARE

Health and social care practitioners need a knowledge base for working with people across each of the life stages. In this session you will be presented with a series of case studies depicting predictable and unpredictable life events and will consider the impact these may have on the individual's growth, development, and overall health.

HUMAN BIOLOGY

Making of lactose free milk, using the immobilised enzymes, exploring the biological molecules and enzymes required for this process.

LAW

You will explore the criminal aspects of law. This session will focus on the key elements required for specific criminal offences including application to actual case studies. Thus, showing how the legal profession would prove guilt in a criminal court.

MARKETING

As a travel agent organisation, you will need to devise a marketing advertisement campaign to encourage holiday makers to choose your organisation.

MATHS

Intro into the A level maths course/Careers in maths. Looking at the transition from GCSE maths to A level maths through applied maths activities i.e. code breaking and/or modelling activity and the history of maths. Introduction to A level topics and their relation to GCSE.

MEDIA STUDIES

Film Marketing with a focus on Mainstream American Cinema and character development. One of the key topics covered at A-Level is how films are marketed to audiences. Focus on franchise films.

MODERN HISTORY

Students will explore how the prohibition of alcohol in 1920's America impacted the power of organised criminal gangs.

MUSIC PERFORMANCE/ TECHNOLOGY

You will be introduced to both performance and production as a career option. There will be some practical ensemble as well as recording work.

PHILOSOPHY

An introduction to philosophy and how it differs to religious studies, with a focus on applied ethics and making decisions in the real world, including topics like the debate on veganism vs. meat eating.

PHOTOGRAPHY

Photographic Stencil Portraits. Photography is an expansive creative subject, from purist portrait to promotional editorial. You will create character portraits in the studio which are then transformed into stencils for an editorial work.

PHYSICS

The Egg Drop Challenge and the physics of car crashes! An introduction to the Physics of car crashes and vehicle safety: seatbelts, crumple zones and airbags.

POLITICS

Is the UK a 'good' democracy? You will explore the positives and the pitfalls of the UK's democracy and determine for yourself what changes need to be made.

PSYCHOLOGY

You will all become witnesses and learn why eyewitness testimony is unreliable. You will also be able to explain why you can remember what you watched on television last night but not what your last lesson in school was about.

PUBLIC SERVICES

This course looks more broadly at the public services and the impacts of external factors on how our public services run. In this session we will explore the impact of war and conflict on our public services both foreign and domestic.

We will look at how our Public Services interact with each other with a particular focus on emergency services and their response to an emergency.

SOCIOLOGY

Guess Who - How anonymous apps have engulfed the mind: Why are we so enamoured with the idea of anonymity online?

Why do we feel empowered when we send a secret confession that can't be traced back to us? We will explore the craze of social media, particularly focusing on anonymity and the damage these confession sites can cause.

SPORT

The short course in Sport looks more at Sport Science and Sport Psychology. In this session you will explore some of the factors that influence sporting performers and what determines if someone wins or loses at the top level of sport. This will cover some anatomy and physiology as well as some sport psychology principles.

STAGE MANAGEMENT

You will be designing and making various rehearsal props and looking at the purpose of them and why they are important. Rehearsal props can be made out of anything and in this workshop we will explore how this can be done.



ITINERARY

0930	Arrival
0940	Welcome Talk
1000–1100	Session 1
1100–1200	Session 2
1200–1230	Lunch (Group A)
1200–1230	Study Plus Event (Group B)
1235–1305	Lunch (Group B)
1235–1305	Study Plus Event (Group A)
1310–1405	Session 3
1410	Closing Talk
1430	Departure

FOR MORE INFORMATION, PLEASE CONTACT:

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