Learning@SA.Autumn2

KS4

Shavington Academy

'Together we enjoy, aspire, create & achieve'

Rope Lane
Shavington
Cheshire
CW2 5DH
Tel: 01270 260717
Email: info@shavington.academy
Website: www.shavington.academy

Headteacher: Mrs E J Casewell B.A (Hons), N.P.Q.H.

Dear Parents/Carers,

Thank you for taking the time to read through this new initiative that is aimed at sharing important information about your child's learning here at Shavington Academy.

Every half-term these publications will keep you up to date with all aspects of the learning that we will be delivering over the weeks and months ahead. This will ensure that you can take an active part in their learning across all subjects in school.

In each of these half-termly communications, year groups will have their own section highlighting all relevant parts of their Learning Journey for each of the subjects being studied. There are also links to the teachers you should contact for any further information about the learning.

We continue to work on a 2-week timetable of 5 lessons each day. The extra information and resources that accompany each of these lessons will always be shared with pupils and home via the classes own Microsoft TEAMs pages. All pupils have their own login and password for TEAMs requiring their school e-mail address. We share homework tasks using this platform and encourage all parents to monitor the individual class messages that are shared here to help your child's organisation.

To provide parents and carers with further insight into different areas of the school curriculum, each communication will have a specific subject focus, sharing the achievements and successes to date and the hopes and plans moving forward.

Kind regards,

Shavington Academy

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YEAR 10



Maths

Foundation

- **Algebra** —Linear equations, inequalities and graphs
- **Number** —Error, intervals and standard form

Higher

- **Algebra** —sequences, graphs and quadratics
- **Number** – negative and fractional indices – error bounds



English

English Language

- Protests and prejudice scheme with focus on language analysis
- Creative writing with a focus on structuring a piece of writing for effect

English Literature

- Exam technique through an Inspector Calls
- War poetry – first cluster



Science

Biology

- **How are new cells produced for the growth and repair of living things?**
- **How is the human digestive system adapted to break down and absorb food?**

Chemistry

- **What do atoms look like and how are elements arranged in the Periodic Table?** (Word and symbol equations, atomic models)
- **What happens when atoms are bonded together?** (Ionic bonding, covalent bonding, metallic bonding)

Physics

- **How are energy demands met?** (Renewable, non-renewable)
- **What affects the current, potential difference and resistance in electrical circuits?** (series, circuits, parallel circuits, voltage & current)

Art

Art and Design
- Presenting recording
- Foam printing

Textile Design
- Presenting recording
- Foam printing

Photography
- Technical skills portfolio using Photopea
- Architecture Project

Computer Science

- **Data -** two's complement, logical binary shuts, hexadecimal, ASCII
- **Programming** – string manipulation, if statements, Boolean operators, while loop

Creative iMedia

- **R097** – Interactive digital media, storyboards, video, audio, file types, consistent design, testing and reviewing

Geography

- **Urban issues and challenges**
  - Why do people live in cities?
  - How are cities changing?
  - How have patterns changed over time?
  - What are the challenges and opportunities of urbanisation?

Enterprise (BTEC Tech Award)

- **Exploring enterprises**
  - SMEs (small, medium enterprises)
  - Characteristics of entrepreneurs
  - Customer and competitive behaviour

History

History
- **Transformation of the cold war**
  - Berlin Wall
  - Cuban revolution, Bay of Pigs, Cuban Missile Crisis
  - Czechoslovakia: Dubcek and the Prague Spring
  - Easing of tension: Detente

Ancient History
- **The Persian Empire 559-465 BCE** (Cyrus The Great, Cambyses II, Darius the Great, Xerxes and the Greeks)

Citizenship
- Democracy in the UK: Who runs the country?
- - Different forms of democracy, electoral systems, political parties
- Forming a government: The Houses of Parliament (Commons, Lords, Monarch, separation of powers, making laws, The UK's constitution)

MFL - French

- **"Healthy living and lifestyle?"** – Describing food and drink, illnesses, healthy lifestyles
- **Core knowledge—**Food preferences, health problems & addictions, lifestyle choices & habits, recent activities, perfect tense of regular verbs, near future tense, negative sentences and imperative

Music (BTEC Tech Award in Music Practice)

- Component 1 (BTEC Tech Award in Music Practice). Continuing developing music knowledge of the following genres: Pop Punk, Minimalism, Film music, Blues music, Brit Pop, Hip-Hop, Horror music and Rock n Roll. Learning how to identify and detail the following fundamentals within each genre style: Melody & Lyrics, Articulation, Harmony and Tonality, Rhythm & Tempo, Structure, Instrumentation and Texture. Developing practical skills of pupil's individual instrument/voice – practicing their chosen piece based on the BTEC Assignment Brief which is 'Nature.'

Philosophy and Ethics *

- **Christian beliefs and teachings, and the Worldwide Church**
  - The duties of the Worldwide Church? *(Supporting persecuted Christians / supporting reconciliation / supporting the world's poor and needy)*
  - The nature of God? *(God as omnipotent, loving and just / the oneness of God and The Trinity / different Christian beliefs about creation; the role of the Word and the Spirit)*
  - The problem of evil and suffering? *(How do Christians respond to the problem of evil and suffering / life after death: resurrection; judgement, heaven and hell / sin, including original sin / Salvations: Ias, Grace, Spirit; Jesus and atonement)*

Physical Education

- Football, Netball, Basketball, Table Tennis, Boxercise, Health related fitness/leadership
- Inter-house competition

GCSE PE

- Methods of training, training zones and skill in sport

BTEC Tech Award

- Component 2 Assessment

SPARK

- **Living in the Wider World - Finances**
  - Payment methods (direct debits, credit cards, debit cards)
  - High/low risk
  - Mortgages and rent
  - Mortgage repayment methods
  - Credit scores
  - Secured and unsecured loans
  - Repossession/eviction
  - Borrowing options
  - Debts/money management support
- **Understanding AI and digital deception**

Technology

Food Preparation and Nutrition

- Hygiene
- Nutrients
- Diet and Health
- Creating dishes (chicken fingers, spaghetti and meatballs, quiche

Product Design

- Designer research – digital portfolio
- Observational drawing
- Timber joints – practical board

* Parents have the right to choose to withdraw their child from RE. If pupils are withdrawn we as a school have a duty to supervise them, though not to provide any additional teaching.

Year 10 Key Dates

November

Monday 9th November 2026	PDCE Week

December

Thursday 10th December 2026	Year 10 Parents' Evening 4-7pm
Tuesday 15th December 2026	Christmas Concert 6-8pm
Wednesday 16th December 2026	Christmas Concert 6-8pm

February

Monday 22nd – Wednesday 24th February 2027	Year 10 Core Mock Exams

March

Monday 15th March 2027	PDCE Week
Tuesday 23rd March 2027	Academy Show
Wednesday 24th March 2027	Academy Show

April

Tuesday 26th April 2027	KS4 Information Evening 5-6pm

May

Monday 24th – Friday 28th May 2027	Year 10 Work Experience

June

Monday 14th – Friday 25th June 2027	Year 10 Mock Exams
Tuesday 29th June 2027	Awards Evening 5:15-7pm

July

Thursday 8th July 2027	Year 10 Parents' Evening 4-7pm

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YEAR 11



Maths

Foundation
- **Algebra (Linear)**—Substitution, sequence and linear graphs
- **Algebra (Quadratics)** – Plotting graphs, expand, factorise and solve

Higher
- **Geometry**—Surface area, similarity (area and volume)
- **Number**—Indices and surds

Higher Plus
- **Geometry** —Higher Trigonometry
- **Algebra** – Graphs and their transformations
- **Geometry** – Histograms



English

Mock exam preparation for December/January exams

English Language

- Paper 2, viewpoints and perspectives – writing to represent a viewpoint and comparing viewpoints across texts.

English Literature

- Study of Charles Dickens – "A Christmas Carol"



Science

Biology

- **How do organisms reproduce?** (Sexual reproduction, asexual reproduction, meiosis, inheritance)
- **How can heritable variation drive evolution?** (Natural selection, selective breeding, cloning)

Chemistry

- **What are hydrocarbons and what are they used for?** (Hydrocarbon, fractional distillation, alkane, complete & incomplete, combustion, cracking)

Physics

- **How do forces affect the motion of an object?** (Terminal velocity, elasticity)
- **How do waves carry energy?** (Reflection, refraction, sound)
- **How can pressure be calculated in solids, liquids and gases?** (Upthrust, atmospheric pressure(separate science only)

Art and Design

Art and Design
- Presenting recording
- Shelley Rhodes research board
- Felt making

Textiles Design
- Presenting recording
- Shelley Rhodes research board
- Felt making

Photography
- Responding to the theme: 'Our World' and capturing a series of photoshoots

3D Design
- Responding to the theme through research
- Consider design ideas

Computer Science

- **Networks –** embedded systems, the internet of things, packet switching, network protocols
- **Issues and impact** – manufacturing, e-waste, low and high level programming languages, translators, intellectual property

Creative iMedia

- **R097** – Interactive digital media, storyboards, video, audio, file types, consistent design, testing and reviewing

Geography

· **The UK's Evolving Physical Landscape**
- Why does the UK's physical landscape vary?
- Geology and past processes
- How do humans use the UK's landscape?
- River and coast management

History

History
- **Post-war America**
  - Post-war American society and economy
  - Racial tension and developments in the Civil Rights campaign in the 1950s and 1960s
  - America and the "Great Society": including the feminist movements in the 1960s and early 1970s
- **The historic environment**
  - Study of The Spanish Armada

Ancient History
- The Foundations of Rome 756-440 BCE (Aeneas and Romulus, The Roman Kings, Foundation of the Republic, Conflict of the Orders)

Citizenship
- **What power and influence can citizens have?**
  - Citizen participation in politics and society
  - The role of groups and organisations in democratic society
- **What role and influence should the media have?**
  - The role of the media and a free press

- Rights and responsibilities of the media
- The use of the media for influence



MFL – French/Spanish

- "Media and Technology"
- **Core knowledge—** All kinds of media, evolution & uses of the internet, phones and apps, technology uses in the past/present/future, the imperative, three time frames, modal verbs



Music (BTEC Tech Award in Music Practice)

Component 2 (BTEC Tech Award in Music Practice). Development of performing skills, composition skills and production skills. Pupils producing a portfolio of work and evidence to support progression to meet BTEC Assignment Brief and learning outcomes. Evidence can/will include video recordings of performances, audio recordings, annotated sheet music, screen shots of compositional work and production work, skills audits, development plans, documentary of progress made at certain points (Milestones) and overview of final performances.



Philosophy and Ethics*

- Theme D – Religion, peace and conflict
  - What are Christian attitudes to protest and violence? *(protest, violent protest, terrorism)*
  - What are Christian attitudes to peace? *(pacifism, peace-making, justice, reconciliation, supporting victims of war)*
  - What causes war? *(greed, self-defence, retaliation)*
  - What are religious attitudes to war? *(the Just War theory, Holy war)*
  - What are Christian attitudes to weapons of mass destruction? *(nuclear, biological & chemical; arguments about nuclear deterrence)*



Physical Education

- Physical Education
  - Netball ,Football, Basketball, Boxercise, Table Tennis, Health related fitness
  - Inter-house competition
- GCSE PE
  - Applied anatomy and physiology
  - Exam preparation
- BTEC Tech Award
  - Component 3 Assessment - Exam



SPARK

- Relationships – Healthy/Unhealthy relationships
- Setting boundaries/getting help
- Power and control
- Contraception and sexual health
- Committed relationships and family life
- Fertility and pregnancy choices



Technology

Food Preparation and Nutrition

- Food choices
- Food provenance
- Creating dishes (carrot cake, flavoured bread)
- NEA (Part 1)

Product Design

- Design development (table)
- Final prototype

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Year 11 Key Dates

November

Wednesday 9th November 2026	Year 11 Exam Excellence Evening 5-6pm
Monday 9th November 2026	PDCE Week

December

Monday 14th – Tuesday 15th December 2026	Year 11 Core Mock Exams
Tuesday 15th December 2026	Christmas Concert 6-8pm
Wednesday 16th December 2026	Christmas Concert 6-8pm

January

Monday 4th January – Friday 15th January 2027	Year 11 Mock Exams
Thursday 28th January 2027	Year 11 Parents' Evening 4-7pm

March

Monday 8th March 2027	Year 11 Photographs
Monday 15th March 2027	PDCE Week
Tuesday 23rd – Wednesday 24th March 2027	Academy Show

April

Tuesday 26th April 2027	KS4 Information Evening 5-6pm

May/June

Thursday 6th May – Friday 18th June 2027	GCSE Exams

August

Thursday 19th August 2027	GCSE Results Day

Exam Cycle

2026 - 2027

December 2026

Wednesday 2nd December 2026	Child Development Mock Exam
Monday 14th – Tuesday 15th December 2026	Year 11 Core Mock Exams

January 2027

Monday 4th – Friday 15th January 2027	Year 11Mock Exams
Thursday 7th January 2027	BTEC Sport Component 3 Exam – 9am
Friday 8th January 2027	Child Development Exam R057 – 9am

February 2027

Monday 22nd – Wednesday 24th February 2027	Year 10 Core Mock Exams

March 2027

2 days TBC	Year 11 Core Mock Exams

April/May 2027

Dates TBC	10 Hour Art/Textiles/Product Design External Assessment
Dates TBC	10 Hour Photography External Assessment
Dates TBC	GCSE French Speaking Exams

May/June 2027

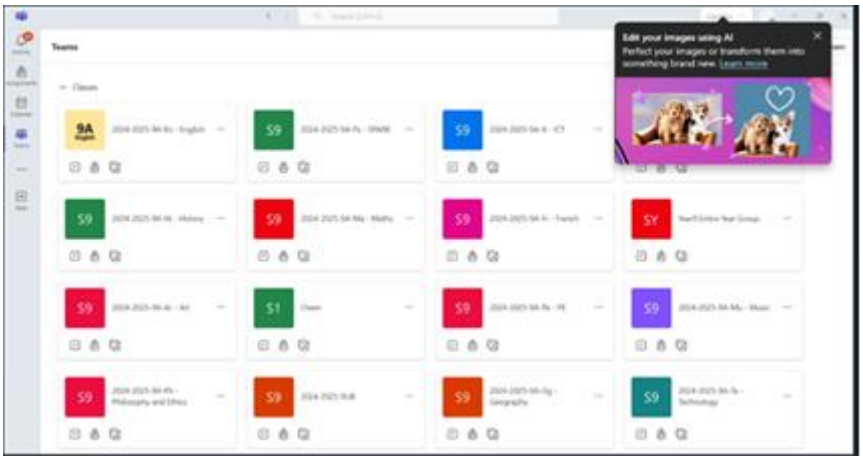
Thursday 6th May – Friday 18th June 2027	GCSE Exams
Monday 14th – Friday 25th June 2027	Year 10 Mock Exams
Wednesday 23rd June 2027	GCSE Exam Contingency Day

August 2027

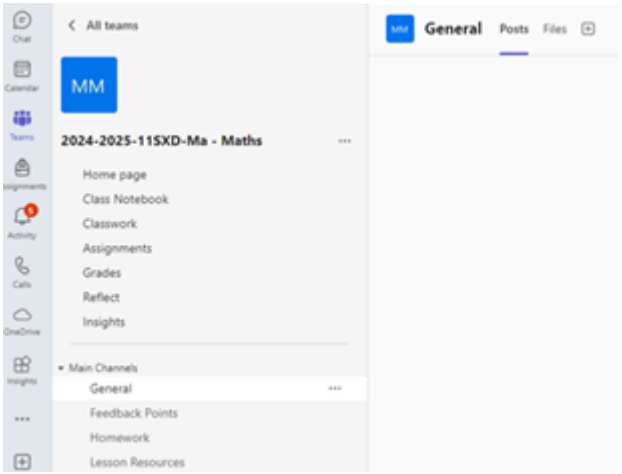
Thursday 19th August 2027	GCSE Results Day

Microsoft TEAMs @ Shavington

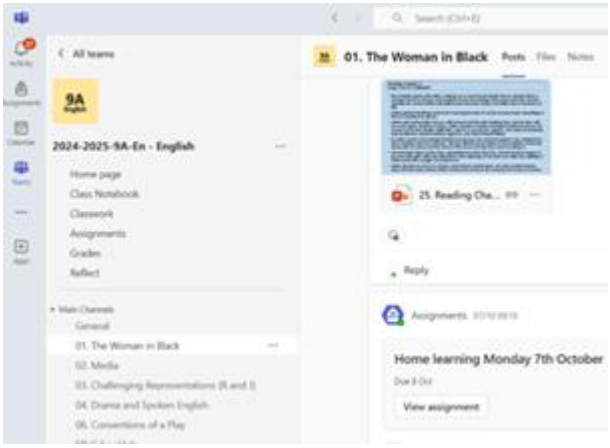
All of our learning and resources are shared on dedicated pages on TEAMs. Your child uses their school e-mail login to access their 'homepage' and from there they can access all of their class's provisions. We encourage all parents to view these provisions alongside your child and to check that your child is accessing TEAMs regularly.



In each page your child's teachers have arranged a number of sections to help guide pupils to the relevant information easily. There are channels in the left-hand column and also files stored in the tabs at the top.



Assignments and homework are also shared on this platform and some are submitted here too.



We hope that this resource can help structure your child's learning outside of the Academy and help you see and access the learning to support your child's development. The wealth of resources shared will be invaluable to them as they progress through towards final examinations in KS4.
If you have any problems with access to this resource – please do contact the academy.

PDCE

Futures Fayre

Our annual Futures Fayre provides pupils with the opportunity to engage directly with employers, colleges, universities, apprenticeship providers and training organisations from a wide range of sectors. Through meaningful conversations and interactive exhibits, pupils will gain valuable insight into different career pathways, post-16 and post-18 options, and the skills required in the modern workplace. The event is designed to broaden horizons, raise aspirations and support pupils in making informed decisions about their future education, training and career journeys.

Construction Simulator

Pupils will also have the opportunity to experience the Construction Simulator, an interactive and immersive activity designed to showcase the wide range of careers available within the construction industry. The simulator allows pupils to experience operating construction machinery in a safe and engaging environment whilst learning about the skills, qualifications and pathways associated with careers in the sector. This hands-on experience helps bring the industry to life, develops awareness of opportunities within construction, and encourages pupils to consider careers in one of the UK's largest employment sectors.

Unifrog

Pupils will continue to engage with Unifrog, our online Futures and Aspirations platform, throughout the term. They will further develop their profiles by recording careers-related activities, employer encounters, workplace experiences and other meaningful interactions that support their future planning. Pupils will also use the platform to research careers, explore post-16 and post-18 pathways, and identify opportunities linked to their interests and aspirations. Regular engagement with Unifrog helps pupils build a comprehensive record of their achievements, experiences and skills, supporting them in making informed decisions about their future education and career journeys.

FSQ (Future Skills Questionnaire)

As part of our commitment to supporting pupils' personal development and future readiness, all pupils will complete a Future Skills Questionnaire (FSQ) during the term. The questionnaire encourages pupils to reflect on their strengths, interests, aspirations and employability skills while helping the academy to identify areas where additional support or opportunities may be beneficial. The information gathered will help inform future careers education, guidance and employer engagement activities, ensuring that pupils receive targeted support as they progress through their education and prepare for their future pathways.

PDCE Week

Our first PDCE week of the year is next week. Our PDCE weeks give all pupils the opportunity to engage in activities related to Personal Development, Character, and Enrichment. SO, with this in mind, on Wednesday 11th November all pupils will have the opportunity to attend our annual Futures Fayre at The Everybody Leisure Century next door to the Academy. This event gives pupils access to both local and national employers and educational providers. We want all our pupils to be fully aware of the opportunities that are out there for them once they complete their time with us. For our younger pupils, this event often lights a spark of interest in an area that they had never previously thought of. On Tuesday 10th November, all pupils will have an extended form time with a particular PDCE focus. Year 11 will be working on effective revision techniques; Year 10 will be finding out about the Bar Mock Trial (an annual competition where young people stage a court case and adopt roles, such as barrister, judge, etc). Year 9 will be learning about the concept of Democracy; Year 8 will be finding out about the national Arts Award; and Year 7 are focusing on Human Rights. These activities are part of our commitment to providing opportunities outside of the academic curriculum so that our pupils develop the knowledge, skills and character that will allow them to lead happy and successful lives.

Reading newsletter

School Library!

It's been wonderful to see so many pupils taking advantage of our lovely Library space to get involved with this month's recommended reads for both Black History Month and spooky season!
Pupils can visit the library to borrow a wide range of books, from fiction to non-fiction. In addition, the library is open every lunchtime as a quiet workspace, where pupils can read, complete homework or revise.

Read Into It!

As part of the National Year of Reading 2026, we are encouraging all pupils to make reading a regular part of their daily lives. The campaign's message- **If you're into it, read into it-** reminds young people that reading can help them explore and enjoy the things they are already passionate about, from sport and music to history, gaming and science. We look forward to celebrating reading across the school and helping our pupils discover the pleasure and benefits of reading for enjoyment.

Congratulations to our Summer Reading Challenge 2026 Winners!

Ruby Year 7
Elizabeth Year 7
Emilie Year 7
Skye Year 7
Harry Year 7
Lucy Year 7
Oliver Year 8
Martha Year 10
Tilly Year 11

Our current Form Time Books (R4P)



Term Dates

Holiday Period	Date of closing for pupils	Date of re-opening for pupils
Summer 2026	Friday 17th July 2026	Wednesday 2nd September 2026 *(All years)*
Autumn Half Term 2026	Friday 23rd October 2026	Monday 2nd November 2026
Christmas 2026	Friday 18th December 2026	Monday 4th January 2027
Spring Half Term 2027	Friday 12th February 2027	Monday 22nd February 2027
Easter 2027	Thursday 25th March 2026	Monday 12th April 2026
May Day 2027 *(Monday 4th May)*	Friday 30th April 2027	Tuesday 4th May 2027
Summer Half Term 2027	Friday 28th May 2027	Monday 7th June 2027
Summer 2027	Friday 16th July 2027	

Staff Training
Tuesday 1st September 2026
Friday 27th November 2026
Monday 19th July 2027
Tuesday 20th July 2027
Wednesday 21st July 2027

Curriculum Leaders

Subject	Curriculum Leader	Email address
Maths	Mr. C Malam	cmalam@shavington.academy
English	Miss V Knapper	vknapper@shavington.academy
Science	Miss S Foster	sfoster@shavington.academy
Art and Design	Mrs. L Burton	lburton@shavington.academy
Computing	Mrs. J Walsh	jwalsh@shavington.academy
Geography	Mr. R Clowes	rclowes@shavington.academy
History	Mr. T Leather	tleather@shavington.academy
MFL	Mrs. K Pugh	kpugh@shavington.academy
Music	Mr. J. Clark	jclark@shavington.academy
Philosophy & Ethics	Ms. H Vernon	hvernon@shavington.academy
PE	Mr. D Skelding	dskelding@shavington.academy
SPARK	Mrs. L Stewart	lstewart@shavington.academy
Technology	Mrs. L Burton	lburton@shavington.academy