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KS3 & 4

SOTW

JOYFUL JUNE 2022



NUMERACY CHALLENGE







In 2022, Her Majesty The Queen will become the first British Monarch to celebrate a Platinum Jubilee after 70 years of service.

Challenge – How many

- a) Weeks
 - b) Days
 - c) Hours
 - d) Minutes
 - e) Seconds

are in 70 years?



Send your answers in to Miss Devonshire adevonshire@halewoodacademy.co.uk or to your progress leader.



Last Week's Answer



$$2 + 6 \times 14 = 86$$

NUMERACY

WORD OF THE WEEK





- verb: accept, admit, capitulate, relinquish, surrender

PE: The goalkeeper was blamed for conceding too many goals. History: The government finally decided to concede defeat in the war.

Creative Writing: "You're probably right," she conceded.

concedes conceded conceding con-cede

Latin: con (with or completely)

Latin: cedere (yield)

Who might use this word?

sports journalist, political analyst, paralegal

Sp Adobe Spark

THANKFUL THURSDAYS





Thankful Thursday Winners-12th May



Thankful Thursdays

Each week, members of staff have the opportunity to nominate other staff for something that they are thankful for. Miss Rollings then picks three winners each Monday. Opposite are last week's winners and the reason for their nominations.

M Gynane: She works tirelessly to ensure that the library is clean and functioning for our students. Whenever I see her she always has a smile on her face and is always willing to listen if you've had a stressful day! Thank you!

F Campbell: She is always ready to listen and goes out of her way to help others, and is always happy to help support staff.

J Coulson: He has made a fantastic start at the school and has quickly developed relationships with staff and students. He has adapted to his new timetable very well and is always willing to help out when needed! Thank you.



Halewood Academy

We Seek The Best



Thankful Thursday Winners-19th May



Thankful Thursdays

Each week, members of staff have the opportunity to nominate other staff for something that they are thankful for. Miss Rollings then picks three winners each Monday. Opposite are last week's winners and the reason for their nominations.

L Martin: She is a new member of staff that has hit the ground running this week. In what is a very busy role, she has been fantastic this week- thank you for all you have done!

N Dwyer: She provides fantastic support to our SEND students and is consistently finding new ways to support them in their lessons. She identifies ways to support the students in being as independent as possible and really exemplifies what inclusion looks like.

J Graham: She has been phenomenally supportive in aiding me with the reports I required around punctuality. The work that she does every day is thorough and comprehensive. Thanks again!



Halewood Academy

We Seek The Best

JUNIOR GOODISON SLEEPOUT









On Friday 6th May 2022 eight students from **Halewood Academy** took part in the Junior Goodison Sleepout in aid of Everton in the Community and other charities across Merseyside to combat homelessness.

The students all raised money for homeless charities and slept in Goodison Park for the night in support. Well done girls, what a fantastic way to support your community!

Chelsea Jones



HALEWOOD CULTURE FEST

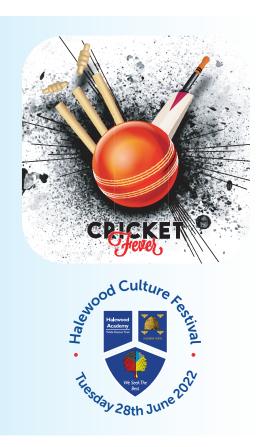
Each year the school participates in a fun cricket match as part of the "Halewood Culture Fest" The game involves staff, pupils, and local residents. The game is inclusive and doesn't require any cricketing ability! I will provide all the cricket equipment.

The game will take place on Tuesday June 28th at the Academy .The 1st ball is 6.30pm and the game usually finishes around 8.30pm. There will be 'tea' provided. The pupils really enjoy it when the staff are involved!

If you would be interesting in participating, can you, please drop me an email!

Phil Rylands
PRylands@halewoodacademy.co.uk

PE Teacher / Student Mentor / KS2/3 Transition Co-ordinator



ST MARK'S HEAD RETIREMENT

Mr Richard Coakley who is the head teacher at St Mark's primary school in Halewood is retiring at the end of this school year.

Would it be possible to ask any past pupils of St Mark's if they could e-mail the school with memories they have of him, as we would like to create a memory book for him to take with him when he leaves.

If they would write a short (positive!) memory and include their full name and year they left (if they remember!) we could place it into the book. School e-mail is stmarks@knowsley.gov.uk

Phil Rylands
PRylands@halewoodacademy.co.uk
PE Teacher / Student Mentor / KS2/3 Transition Co-ordinator



ACADEMY FOR MILITARY PREPARATION





With training and support from ex-forces personnel, and direct access to working military bases, our academy equips young people with the valuable knowledge, skills and disciplines needed for the Armed Forces recruitment and selection process and prepares them for phase one training.

This is for 16–24-year-olds, to provide transferable life skills to aid in their future careers. The course will run 16–18-year-olds (19 weeks) and 19+ (12 weeks).

Military skills

Our academy offers accredited provision at level 2 in Preparation for the Military, and learners follow an exciting and varied curriculum. This includes:

- Drill / Parade
- Fitness
- The values and standards of the British Military
- Research and job roles
- Discipline
- Field craft
- Weapons handling
- Appearance and personal values

Additional support

In preparation for the Armed Forces selection process, the course also covers:

- Preparation for work
- CV writing
- Interview techniques
- Effective communication skills
- Working as part of a team
- Support towards Functional Skills tests in Maths and English (if needed)

Location

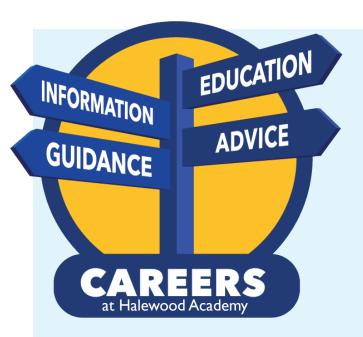
Course is delivered within Army Reserve Centre AMP Huyton, Alamein Barracks, Liverpool Road, Huyton, L36 3RW and all kit and equipment is provided.

For more information about our Academy for Military Preparation, and to register your interest, please visit our dedicated enquiry page.

Start date: Start of June 22.

If you are interested please contact either: **Lynsey Gittoes** – Learner Engagement Executive Email: <u>Lynsey.gittoes@seetecoutsource.co.uk</u> Tel: 07732 691 696 or alternatively contact

Mr Gareth Harrison – Vice Principal gharrison@halewoodacademy.co.uk





The following pages show various **Apprenticehip Opportunities** may be suitable for your year 11 leavers, please find below list of current vacancies and employers and also some of our job advertisement posters which they may find of interest:

ContiTech UK Multi Skilled Engineers

NGF Europe Multi Skilled Engineers

Pilkingtons UK Electrical Engineers /

Mechanical Engineers / Research & Development

Technician

AB World Foods Manufacturing Technicians

Lyondel Bassell Laboratory Technician

SJ Lifts Multi skilled Engineer

Stateside Foods Multi Skilled Engineers

PepsiCo Multi Skilled Engineers





These are fantastic opportunities for some of the UK's best known Companies and Brands, if anyone is interested in applying the link for all applications is below:

Our applications are now open and live on our website.

https://www.waterside-training.co.uk/apprenticeship/apprenticeship-vacancies

If you follow the above link, this will take you to our apprenticeship vacancy page on our website and this is where you can find and apply for our vacancies. Our application form is all filled out online so you will just need to fill in the form and then submit it. If you have any issues with this, please let me know.

Mr G Harrison Vice Principal



MANUFACTURING TECHNICIAN APPRENTICESHIP'S



Are you looking to start a career in the food industry with a Company that is a great place to work, grow and develop? ABWF have a strong track record developing reputation for do internal talent and everything they can to enable personal development.



Waterside Training working in partnership with AB World Foods based at Leigh, may just have the opportunity you have been looking for to start a fulfilling career that will enable you to explore the world of manufacturing and wider supply chain and develop into our leaders or managers of the future.

AB World Foods are a UK producer and global distributor of ethnic foods. As a flavour producer we produce Indian sauces, pastes and pappadums in a modern, high speed and high volume facility utilising cutting edge technologies.

Technician is responsible operating key pieces of equipment on the line working on highly automated plant and equipment. Technician's are at the heart of the and manufacturing business processes, without this key role no product would be developed, enhanced or produced.

KEY ASPECTS

- Level 3 Science Manufacturing Technician Standard
- Level 3 C&G Diploma in Engineering Qualification
- Work with highly automated equipment, you will be responsible for operating each piece of high automated and multi-million pound equipment taking in the preparation, operation and running of complex machinery and plant processes.
- You will assist with handovers, changeovers, identify route cause analysis, assist with first line maintenance and asset care of machinery to set key set points such as valves, lines, temperature control, positioning, alignment ensuring all business operations run to the maximum output developing continuous improvement of the product and processes to maximise business efficiencies and output developing up to team leader status.
- On completion progression to supervisor or manager roles leading to other career paths within the ABWF network can be achieved.



The ideal candidate should be self-motivated, reliable, proactive, enthusiastic and very well organised who can work excellently within a team who is driven to succeed and grow in a fast pace environment to become the next highly skilled technician or managers of the future.

Entry Requirements; 5 GCSE's at A-C or equivalent grade 5-9 in English, Mathematics and Science is essential. A practical based subject in Design Technology, Engineering, Business and or Resistant Materials would be desirable.

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EDUCATION

ADVICE









PPRENTICESHIP'S

ECTRICAL BIASED MULTISKILLED ENGINEER

Waterside Training in partnership with ContiTech based at Wigan has a fantastic opportunity for two apprentices to join their Engineering team to support the engineering department and manufacturing processes as an Apprentice Electrically biased Multi-skilled Technician.

Continental develops ground-breaking technologies and services for the sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machinery, traffic and transport.

The four-year engineering apprenticeship will initially cover broad based training and grounding in Electrical and Mechanical skills at Waterside Training in St Helens with years 2,3 and 4 working on plant at Hindley Business Park in Wigan alongside qualified craftsmen specialising in either an Electrical or Mechanical core discipline whilst continuing to attend college day release up to Level 4 HNC. Over four years you will obtain a nationally recognised apprenticeship as a Multi-Skilled Engineering Technician.

You will complete your apprenticeship with a robust set of qualifications, knowledge and skills providing a strong platform to work in our production teams and develop a long-lasting career with ContiTech.

KEY ASPECTS

- A 4 Year Apprenticeship with Site Based Training and Development
- Level 3 Science Industries Maintenance Technician
- Level 3 City & Guilds Diploma in Engineering with progression to HNC
- Cover broad base training in Electrical & Mechanical Skills at Waterside Training STEM Centre

You will be involved in electrical or mechanical engineering carrying out maintenance activities such as:

- •machine and equipment maintenance,
- •fault finding and diagnostics,
- •using preventative maintenance systems.
- •restoring components undertaking repair, replacement and servicing.
- •develop as the next engineers as part of the ContiTech Engineering Team.

The ideal candidate should be self-motivated, reliable, proactive, enthusiastic and very well organised who can work excellently within a team who is driven to succeed and grow in a fast pace environment to become the next highly skilled engineer and technician of the future.

Entry Requirements; 5 GCSE's at A-C or equivalent grade 5-9 in English, Mathematics and Science is essential. A practical based subject in Design Technology, Electronics, Engineering and or Resistant Materials would be desirable.

APPLY NOW TO START YOUR APPRENTICESHIP JOURNEY INTO AN ENGINEERING CAREER

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Website:

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ADVICE









APPRENTICESHIP'S



ELECTRICAL BIASED MULTISKILLED ENGINEER

Waterside Training in partnership NGF Europe Limited (NGFE) has a fantastic opportunity for an apprentice to join their Engineering team, based at our manufacturing business at Lea Green Road, St Helens, from September 2022.

NGF Europe Limited, situated in St Helens and part of the NSG Group, is at the forefront in the manufacture and marketing of specialised Glass Cord products. NGF Europe supplies Glass Cord to timing belt manufacturers worldwide, in all the major car-manufacturing countries.

The four-year multi-skilled engineering apprenticeship will include broad based training and grounding in Electrical and Mechanical skills at Waterside Training in St Helens in year 1, with years 2, 3 and 4 working on site at NGFE with college day release. Our apprentice will work alongside qualified technicians, specialising in preventative maintenance in Electrical and Mechanical disciplines, whilst continuing to attend college day release. The apprenticeship will include training for a Nationally recognised qualification as a Science Industry Multi-Skilled Engineering Technician (Electrical and Mechanical) up to Level 4 HNC.

KEY ASPECTS

- ■A 4 Year Apprenticeship with Site Based Training and Development
- ■Level 3 Science Industries Maintenance Technician
- •Level 3 City & Guilds Diploma in Engineering with progression to HNC
- Cover broad base training in Electrical & Mechanical Skills at Waterside Training STEM Centre
- •You will be involved in electrical or mechanical engineering carrying out maintenance activities such as;
- •breakdown, planned and routine maintenance;
- •fault finding and diagnostics in emergency breakdown or planned situations;
- •proactive health and safety techniques and hazard identification and elimination;
- modification and improvement of plant;
- team-based problem solving;
- project co-ordination;
- •understanding and working in accordance with 5S
- administration of maintenance systems.

Waterside Training and NGF Europe Limited are looking for high calibre candidates who are self-motivated, reliable, proactive. enthusiastic and very well organised who can work excellently within a team who is driven to succeed and grow in a fast-paced environment to join our apprenticeships to become the next highly skilled engineers and technicians of the future.

Entry Requirements; 5 GCSE's at A-C or equivalent grade 5-9 in English, Mathematics and Science is essential. A practical based subject in Design Technology, Electronics, Engineering and or Resistant Materials would be desirable.

APPLY NOW TO START YOUR APPRENTICESHIP JOURNEY INTO AN ENGINEERING CAREER

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EDUCATION ADVICE

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PPRENTICESHI

ELECTRICAL AND MECHANICAL ENGINEERING Waterside Training in partnership with Pilkington UK Limited based at St Helens has a fantastic opportunity for three apprentices to join the Engineering team to support the manufacturing operations as either Electrical Engineering Maintenance Apprentices or a Mechanical Engineering Maintenance Apprentice across our three Upstream sites (Greengate, Cowley Hill and Watson Street)

As a member of the NSG Group, Pilkington United Kingdom Limited is one of the leading glass suppliers in the UK. We manufacture, process and distribute glass in the UK under the Pilkington brand name, using the most advanced glass and coating technology. Based in St Helens and at the NSG Group's European Technical Centre nearby in Lathom, Lancashire, we employ around 3,000 people across the UK, producing a range of glass solutions, from the manufacture of float, rolled and coated glass to glass processing and merchanting, automotive original equipment (OE) and automotive glass replacement (AGR) manufacture.

The four-year engineering apprenticeship will initially cover broad based training and grounding in Electrical and Mechanical skills at Waterside Training in St Helens with years 2,3 and 4 working on plant across our three Upstream sites (Greengate, Cowley Hill and Watson Street) based in St Helens working alongside qualified craftsmen specialising in either an Electrical or Mechanical core discipline whilst continuing to attend college day release up to Level 4 HNC.

The apprenticeship will provide training in electrical or mechanical skills for the maintenance and fault finding of manufacturing equipment within the glass industry.

KEY ASPECTS

- A 4 Year Apprenticeship with Site Based Training and Development
- ■Level 3 Science Industry Maintenance Standard
- Level 3 City & Guilds Diploma in Engineering with progression to HNC
- Cover broad base training in Electrical & Mechanical Skills at Waterside Training STEM Centre
- You will be involved in electrical or mechanical engineering carrying out maintenance activities such as;
- •machine and equipment maintenance, including preventative and planned maintenance tasks,
- •fault finding and diagnostics,
- using preventative maintenance systems,
- restoring components undertaking repair,
- replacement and servicing equipment.

The ideal candidate should be self-motivated, reliable, proactive, enthusiastic and very well organised who can work excellently within a team who is driven to succeed and grow in a fast pace environment to become the next highly skilled engineer and technician of the future.

Entry Requirements; 5 GCSE's at A-C or equivalent grade 5-9 in English, Mathematics and Science is essential. A practical based subject in Design Technology, Engineering and or Resistant Materials would be desirable.

APPLY NOW TO START YOUR APPRENTICESHIP JOURNEY INTO AN ENGINEERING CAREER

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A GREAT ALTERNATIVE TO UNIVERSITY

Waterside Training

PEPSICO

Doepsi 🔐 Tropicana 🙉

UK & Ireland

APPRENTICESHIP

Waterside Training in partnership with Walkers Snack Foods based at Skelmersdale has a fantastic opportunity for two apprentices to join their maintenance department to support the manufacturing operations as Multi Skilled (Electrical/Mechanical Engineering) Maintenance Apprentices.

PepsiCo is one of the world's leading food and beverage companies serving more than two hundred countries and territories around the world. In the UK our snacks portfolio includes some of the nation's best loved snack brands such as Walkers, the nation's favourite crisp. But that's not all, we also create iconic snacks such as Dorito's, Wotsits, Monster Munch and premium brand Pipers Crisps.

The four year engineering apprenticeship will initially cover broad based training in Electrical and Mechanical skills at Waterside Training in St Helens with years 2 to 4 working on plant at Skelmersdale alongside professional engineers whilst continuing to attend college day release up to HNC.

The apprenticeship will provide training in electrical and mechanical skills for the maintenance and fault finding of manufacturing equipment within the food industry.

- A 4 Year Apprenticeship with Site Based Training and Development
- Level 3 Science Industries Maintenance Technician Standard
- Level 3 City & Guilds Diploma in Engineering with progression to HNC
- Cover broad base training in Electrical & Mechanical Skills at Waterside Training STEM Centre
- You will be involved in electrical & mechanical engineering carrying out maintenance activities such as;
- •machine and equipment maintenance, including preventative and planned maintenance tasks of electrical and mechanical activities
- •fault finding and diagnostics
- using preventative maintenance systems
- •restoring components undertaking repair & replacement and servicing equipment
- •be involved in both Electrical and Mechanical activities assisting the engineering teams in various job roles covering maintenance on electrical equipment, such as motors, control units, PLC's, sensors, instrumentation, distribution systems and switchgear and assisting with preventative maintenance on mechanical equipment, such as motors, gearboxes, pumps, bearings, chain drives to conveyor belts and systems dealing with both pneumatics and hydraulic drive systems.

The ideal candidate should be self-motivated, reliable, proactive, enthusiastic and very well organised who can work excellently within a team who is driven to succeed and grow in a fast pace environment to become the next highly skilled engineer and technician of the future.

Entry Requirements; 5 GCSE's at A-C or equivalent grade 5-9 in English, Mathematics and Science is essential. A practical based subject in Design Technology, Engineering and or Resistant Materials would be desirable.

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APPRENTICESHIP

MULTI-SKILLED ENGINEERING

Waterside Training in partnership with Stateside Foods Limited based at Westhoughton, Bolton has a fantastic opportunity for two apprentices to join their maintenance department to support the manufacturing operations as Multi Skilled (Electrical/Mechanical Engineering) Maintenance Apprentices.

Stateside Foods is a wholly owned subsidiary of the Frieberger Group. In business for over 25 years, Stateside Foods supplies leading food retailers with branded and own label chilled pizzas based at West Houghton.

The four year engineering apprenticeship will initially cover broad based training in Electrical and Mechanical skills at Waterside Training in St Helens with years 2 to 4 working on plant at Westhoughton alongside professional engineers whilst continuing to attend college day release up to HNC.

The apprenticeship will provide training in electrical and mechanical skills for the maintenance and fault finding of manufacturing equipment within the food industry.

- A 4 Year Apprenticeship with Site Based Training and Development
- Level 3 Science Industries Maintenance Technician Standard
- Level 3 City & Guilds Diploma in Engineering with progression to HNC
- Cover broad base training in Electrical & Mechanical Skills at Waterside Training Centre
- •You will be involved in electrical & mechanical engineering carrying out maintenance activities such as;
- •machine and equipment maintenance, including preventative and planned maintenance tasks of electrical and mechanical activities
- •fault finding and diagnostics
- using preventative maintenance systems
- •restoring components undertaking repair & replacement and servicing equipment
- •be involved in both Electrical and Mechanical activities assisting the engineering teams in various job roles covering maintenance on electrical equipment, such as motors, control units, PLC's, sensors, instrumentation, distribution systems and switchgear and assisting with preventative maintenance on mechanical equipment, such as motors, gearboxes, pumps, bearings, chain drives to conveyor belts and systems dealing with both pneumatics and hydraulic drive systems.







The ideal candidate should be self-motivated, reliable, proactive, enthusiastic and very well organised who can work excellently within a team who is driven to succeed and grow in a fast pace environment to become the next highly skilled engineer and technician of the future.

Entry Requirements; 5 GCSE's at A-C or equivalent grade 5-9 in English, Mathematics and Science is essential. A practical based subject in Design Technology, Engineering and or Resistant Materials would be desirable.

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CAREERS

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OPEN DAYS...



10:00 - 15:30

UITMEN



GIVEAWAY

FOR MORE INFORMATION EMAIL AMBER.HOWARD@ACCOR.COM

NOVOTEL











CAREERS

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ADVICE

Substituting into expressions Writing and Using Formulae

Index Laws & Brackets

Dealing with data

Calculations and Estimates Indices and Standard form

Solving Equations



Use the information to guide your revision. You should make sure that you understand each topic listed for each subject area. See your class teacher for more support. Good luck!

English

person narrative, effective variation of sentence types and how Empathy Writing. Students should revise how to write a firstto use ambitious vocabulary in a story.

Mis vacaciones-

Falking about holidays:

- Present / past / future tense
 - Means of transportation
- Activities you usually do on your holidays / activities you did in your last holidays/ activities you will do in your next holidays.
- Opinions to describe holidays and describing the weather.

Biology:

Science

- The Digestive System/ Healthy
- Plant Reproduction and Specialised Cells
- Aerobic and Anaerobic

Using Scales and scale diagrams

Sequences and nth term

Constructions

Solving Equations

Proportion

Inequalities

Enlargement and scale factors

Multiplicative reasoning

Respiration

Chemistry:

- Separating Mixtures Changes of State
- Combustion
 - Space Physics:

Circles, prims and cylinders

Pythagoras Theorem

Errors & Bounds

- Series and Parallel Circuits
 - Forces

Art

 Observational Drawing, focusing on line, shape, tone and details.

Crime and conflict

Nigeria

Geology

Geography

Computer Science

Sport and fashion

History

- The First World War
- The Treaty of Versailles
- The rise of Fascism Mussolini and Hitler
 - The Great Depression
- Nazi Germany
- The Second World War NHS

Dance

Algorithms and Programming

Systems Architecture

Systems Software

Networks Security

Networks

Data Storage

- apply these to make your performance more Research and learn expressive and physical skills in dance. Think about how you can effective.
- Challenge Research Indian dance / Bollywood.

skills physical skills, spacing, learn lines.

Rehearsal for practical scene- Vocal

Drama

t C

t

- knowledge organisers, useful websites, your workbook, revision guides Ask your class teacher for further revision support, such as;
- Plan your revision be specific on what topics you are going to revise and when by using a timetable. Don't leave revision till the last minute.
- Use a variety of strategies Try to find a strategy that works well for you, for example, mind maps, flash cards, past exam questions and many more. See the school website for more support.
- temptation try not to revise with a TV on in the background, or with your Revise somewhere quiet and with little distractions - To avoid phone close by
- Take regular breaks try to revise in short 20-30 minute spells with breaks for fresh air and a change in scenery.

and answers on, using both sides. Flash Cards How tall is Mount Everest? 8,848 metres above FRONT

card to write key facts/information - You could also write questions - Use a small piece of coloured

Top Tips:

- Use both texts and pictures (65% summarising information - Use for testing and not - One idea, one card

sea level

more info remembered when visual)

BACK

Spaced repetition to memorise

Summarising and Highlighting

- Find the key information within a text and highlight.

- Main Branches: Your branches should have

branch as a heading in an essay or a book.

one word or two for clarity. Think of each

Sub-branches: From your main branches

draw sub-branches and from those sub-

- Use a landscape sheet of A4 or A3 paper.

Mind Maps

How To:

- Put the topic in the centre.

- Try to limit the information you highlight to only the most mportant information.



branches you can draw more branches. Here ou can create associations between ideas. Use a key! Try to set a key using colours for the information you are highlighting, for example,

→ Use pink (or orange) to denote material that is even mportant than what's in yellow, Pink

different branches to link the learning interesting. Use a different colour for

together.

- Use COLOUR to make it visually

Top Tips:

work of art, but they will help you to

remember it.

curved lines.

/ellow → Highlight in yellow important points, facts, examples etc.

Green → Mark in green dates, names or places that you will need put their definitions in pink), titles or special terms.

Purple → If the material contains any rules, use the boldness of purple remember. Green can also be used for formulas. set them apart. - Make sure each branch is curved and not straight. The brain is more stimulated by

Top Tips:

Blue - Reserve blue for words that will subsequently be defined (and then - Draw pictures. They don't need to be a

MEMBER OF THE WADE DEACON TRUST



lear 10 P253 Revision M

Your P2S3 assessment window opens WB 6th June

Use the information to guide your revision. You should make sure that you understand each topic listed for each subject area. See your class teacher for more support. Good luck!

istory

2 x 1 hour papers -

English Language Component 1: 20th Century Literature

English

Reading and Creative Prose Writing (80 marks)

- 1. America 1920-1973:
- The causes and effects of the
- The Depression and the New Deal
- Effects of WWII on society and economy
 - 1950s society and economy
- Civil rights
- Feminist movement
- New Frontier and the Great Society
 - 2. Health and the People -
 - The Renaissance The Middle Ages
 - 19th Century

Geography

1 X 60 minute paper



deserts and case study of the Thar. Rivers, Coasts, Ecosytems and case study of the Amazon, Hot

the artist of personal selection

- raining, principles of training, warming up and cooling down, hazards, FULL PAPER 1: Components of fitness and fitness tests, methods of isk and injury prevention, cardiovascular system, muscular system, espiratory system, skeletal system, short and long term effects of
- PAPER 2: Health, fitness and well being, sedentary lifestyle, benefits of exercise, influences and barriers to participation, strategies to improve participation.

- Foundation Integers and Place Value
- Decimals
- Factors, Multiples and Primes
 - Indices, powers and roots
- Expressions and formulae including substitution
- Tables, charts and graphs
- Fractions, decimals and percentages Equations and inequalities
- Sequences and nth term
- Angles, polygons and parallel lines

Performance. Interpretation of their role, vocal skills, physical

skills, proxemics,

characterisation.

Devising drama - Practical

Advertisements - OMO, Galaxy and

NHS. (all areas) Film - Black Widow

and I Daniel Blake (marketing of the

Music Videos - Arctic Monkeys/

music industry

Drama

Types of Data and calculating averages

Perimeter, area and volume

- Graphs
- Transformations
- Ratio and proportion
- Pythagoras and trigonometry **Probability**

• 1.1 Systems architecture • 1.2 Memory and storage

Computer Science

Paper 1

- Higher- Number Skills
- Algebraic expressions and equations Indices, standard form and surds
 - Sequences and nth term 2.3 Producing robust

2.2 Programming

fundamentals

2.1 Algorithms

culture; Local, national, international and global areas of interest and Current and

Future study and employment

Three main GCSE topics: Identity and

Listening, reading, writing and

speaking paper.

Paper 2 -

- Statistics, graphs and charts
- Fractions, decimals and percentages
 - Understand, write and use ratios
- Solve direct proportion problems

Religious Education

Beliefs in Christianity

Beliefs in Islam

2.4 Boolean logic

Developing ideas in a creative way, relating to the theme of nature and

AO3 Reflective Recording.

programs

- Polygons, angles and parallel lines Pythagoras and trigonometry
- Graphs

How Christians live their daily

- Perimeter, area and volume
- The four transformations

How Muslims live their daily lives

- Inequalities, quadratic and simultaneous Constructions, loci and bearings equations
- Probability



Combined Science - Foundation

Biology:

- Healthy lifestyle
- Respiration/gas exchange
- **Drug Development**
- Food Tests
- Pathogens/immune system

Osmosis Required Practical

- Food absorption/structure of intestine

 - Diffusion

Chemistry:

- Acids, alkalis & bases
- Temperature change investigation
 - History of the periodic table
- Ionic Bonding
- Covalent Bonding
 - Reactivity
- Concentration of a solution
- Investigation into decomposition of
 - Alpha scattering experiment carbonates
 - Halogens
- Elements & compounds
- Diamond and Graphite

Physics:

- Resistance of a wire
- Half-Life

Circuit Calculations

- Particles in a gas
- Specific Heat Capacity Specific Latent Heat
- Renewable resources
- Types of Ionising Radiation Plugs & circuits

Combined Science - Higher Physics:

- Types of radioactive decay Resistance of a wire
- Renewable and Non-Renewable Resources
 - **Energy Stores and Transfers** Specific Heat Capacity
- Specific Latent Heat
- Half-Life
- Spring Constant and Elastic Potential

Monoclonal antibodies & clinical trials

Alcohol and liver disease

 Mineral ions in plants Adaptations of plants

Structure of leaf, testing for starch

Enzymes and lipase

Prokaryotic and eukaryotic cells

Mineral transport

Diffusion

Photosynthesis investigation

Biology:

Separate Science

Biology:

- Food absorption/structure of intestine Osmosis Required Practical
- Diffusion
- Healthy lifestyle obesity/exercise
 - Cells & bacteria
- Photosynthesis and Limiting Factors of Vaccines

Molar calcs - limiting factors/gas volumes

Reaction profile diagram

Hydrogen fuel cells

Halogens

Development of the Periodic Table

History of atom/plum pudding

Electrolysis of Aluminium

Half Equations

Photosynthesis Drug trials

Chemistry:

 Diamond and Graphite Covalent Bonding

Titration – method and calculation

Endo/exo investigation

Electricity – current/filament lamp

Physics:

LED & circuits

Density

Energy transfer

- Group 1 Alkali Metals
- History of the Periodic table
 - Oxidation/reduction
- Investigation into decomposition of carbonates
- Acids, alkalis & bases
- **Femperature** change investigation
 - Alpha scattering experiment Concentration of a solution

Reacting masses

% abundance in isotopes

Bonding in molecules

Chemistry:

Reactivity series

Conservation of mass

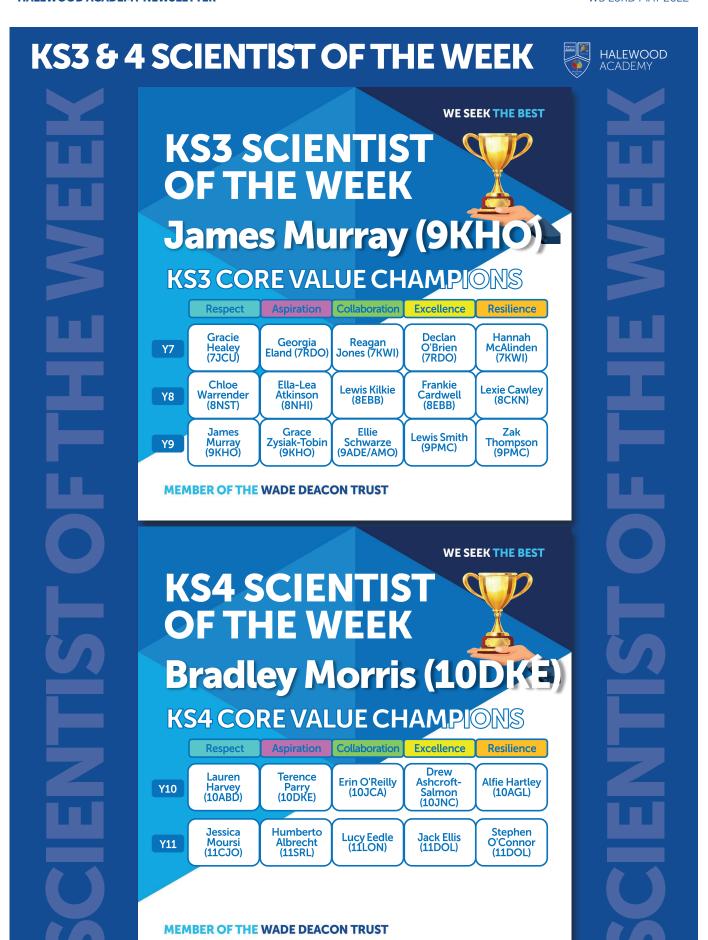
Atom economy

Radiation – fission/fusion Generating electricity

Thermistors

GPE/SHC

Pressure In gases Resistance

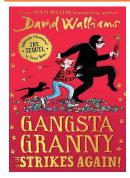


Recommended Reads

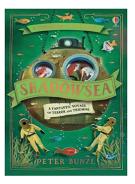


Year 7
Gangsta Granny Strikes
Again by David Walliams

Year 8
Shadow Sea by Peter Bunzl







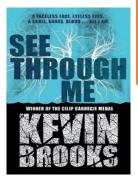
Year 11
Turtles All the Way
Down by John Green



Year 10
Trinkets by Kirsten Smith

JOHN GREEN TURILES ALL THE WAY DOWN

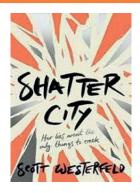
Year 9
Heartstopper Volume 1 by Alice
Oseman



Parent / Guardian
Shatter City by Scott
Westerfeld



Staff
See Through Me by
Kevin Brooks



ACTION FOR HAPPINESS

Joyful June 2022



HALEWOOD ACADEMY

fun childhood

activity

encouragement

feels to laugh

enjoy how it

something funny and

Watch

and enjoy a

note to a friend Send a positive

who needs

Rediscover

21

the funny side

Choose to see

who means a

be thankful for

something to

others in a warm and

to notice things

something

and find the

Get outside

Look for

a difficult situation

good in

Take time

that you find

beautiful

Speak to

17

lot to you

expect it

friendly way

approach.

light-hearted

happy memory with someone

Share a

Take a



green space and feel the joy that nature brings

Get out into

you feel good which makes

listen or share play, dance music: sing, Find joy in

them happy Ask a frienc what made recently

9

others by doing kind for them Bring joy to something

food that make really savour it you happy and

Eat good

letter to thank a gratitude someone Write

MONDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

SUNDAY

conversations things in your Say positive with others

good every day

this month

look for what's

Decide to

Re-frame a to find a helpfu worry and try

about it

joy and share it that brings you of something Take a photo

> things you're grateful for Think of 3 and write

them down

something that brings you joy between people contagious **Happier** · **Kinder** · **Together**

how positive Notice

29

Be kind

emotions are

with people you friendly smile see today

Share a

Make a list of

the joys in your life (and keep adding to it)

people who are appreciation to helping others Show your

feel grateful for

memory you

25

Bring to mind

a favourite

to do something playful, just for Make time