



Half Term 4 Subject Overviews: What your child will be learning this half term

Head of year: Mr L Holliday (l.holliday@netherhall.cumbria.sch.uk)

Y10

(C) Core subject (O) Option subject

| English Language (C) | English Literature (C) | Maths (C) | Biology (C) | Chemistry (C) | Physics (C) | Geography (O) | History (O) | French (O) | RE (O) | GCSE PE (O) | CNAT PE (O) |
|--|---|---|---|--|---|---|---|--|--|---|--|
| <p>Creative writing using poetry as a stimulus</p> <ul style="list-style-type: none"> Writing effectively for different purposes Selecting vocabulary, grammar and form which is effective for the audience Maintaining coherence across a text | <ul style="list-style-type: none"> Power and conflict poetry Making critical comparisons between poems Unseen poetry skills Developing informed personal responses using textual references | <ul style="list-style-type: none"> Converting between measures Recurring decimals to fractions Using inequality notation Calculating with roots Plotting linear graphs Quadratic graph fluency Finding gradient of a curve | <ul style="list-style-type: none"> Communicable diseases Pathogens Vaccinations Clinical tests Antibodies Monoclonal antibodies Plant diseases Photosynthesis | <ul style="list-style-type: none"> Balancing equations Percentage yield Atom economy Limiting reactants Metal oxides Reactivity series Redox reactions Metals and acids Neutralisation Soluble salts | <ul style="list-style-type: none"> Static charge Electrical fields Density of materials Changes of state Internal energy Specific heat capacity Specific latent heat Particle motion in gases | <p>Weather hazards and climate change</p> <ul style="list-style-type: none"> Features of global atmospheric circulation How global climate can change Causes and evidence for natural climate change The Uks distinct climate | <ul style="list-style-type: none"> Kaiser Wilhelm and Germany before WW1 Impact of WW1 Weimer Republic Treaty of Versailles The Stresemann era Murders and uprisings under Stresemann Hitler and the Munich Putsch | <ul style="list-style-type: none"> Describing family celebrations Describing festivals and traditions Talking about where you live, weather and transport Describing a town and asking the way Describing a region Talking about your town | <ul style="list-style-type: none"> Forms of worship The importance of prayer The sacraments Baptism The Eucharist Jihad Festivals of Islam Eid-ul-Adha The Ten Obligatory Acts Key differences between Sunni and Shi'a | <ul style="list-style-type: none"> Introduction to Arousal theory Aggression and motivation Badminton Fitness Basketball Outdoor team games | <ul style="list-style-type: none"> Methods to improve performance Measuring improvement in performance Organisation of a sports activity session |
| Mr Bird d.bird@netherhall.cumbria.sch.uk | | Miss Wright a.wright@netherhall.cumbria.sch.uk | Mrs Poddington c.poddington@netherhall.cumbria.sch.uk | | | Mrs Bradley r.bradley@netherhall.cumbria.sch.uk | Mr Rainsley m.rainsley@netherhall.cumbria.sch.uk | Mr Machard m.machard@netherhall.cumbria.sch.uk | Miss Barcock l.barcock@netherhall.cumbria.sch.uk | Miss Adam j.adam@netherhall.cumbria.sch.uk | Mr Gebbie d.gebbie@netherhall.cumbria.sch.uk |
| Art (O) | Photography (O) | Graphics (O) | Food (O) | CNAT Engineering (O) | Computer Science (O) | WJEC ICT (O) | Business Studies (O) | CNAT Child Care (O) | CNAT Health & Social Care (O) | Music (O) | Personal Development (C) |
| <ul style="list-style-type: none"> Distorted self project Drawing Analysis of context Proportion Observation Colour theory Composition Mixed media Collage Painting | <ul style="list-style-type: none"> Distorted self project Photoshoots Portraiture Analysis of context Proportion Colour theory Composition Mixed media Collage Print making | <ul style="list-style-type: none"> Rebranding and the design process Brand identity Presentation Colour theory Composition Use of illustrator and photoshop | <p>Food choice</p> <p>This half term you will be cooking:</p> <ul style="list-style-type: none"> Fajitas Blizzard Ice-cream & Tunnocks teacake challenge Chicken and chorizo Jambalaya Shepherd's Pie Hot Cross Buns | <ul style="list-style-type: none"> Manual production of engineering drawings Use of CAD Product analysis Product disassembly | <ul style="list-style-type: none"> Using binary codes to represent characters Unicode How images are represented by pixels The effects of colour depth and resolution Metadata Types of compression | <ul style="list-style-type: none"> Employment patterns Retraining Teleworking Video-conferencing Effect on transport Green IT and non-green IT e-waste Emerging technologies The digital divide | <ul style="list-style-type: none"> How businesses identify quality problems Methods of maintaining consistent quality (TQM) Costs and benefits of maintaining quality | <ul style="list-style-type: none"> The stages and types of play activity How play benefits development Planning play activities Evaluating play activities | <p>Supporting individuals through life events</p> <ul style="list-style-type: none"> Life stages Impacts of life events Sources of support | <ul style="list-style-type: none"> Rhythms of the World Exploring different styles Performance master class Group performances and compositions | <ul style="list-style-type: none"> The criminal justice system Anti-social behaviour County lines Money laundering Terrorism and holy war Overt and covert racism Fake news and critical thinking |
| Miss Norman k.norman@netherhall.cumbria.sch.uk | | | | | Ms Cooper s.cooper@netherhall.cumbria.sch.uk | | | Mrs Fisher s.fisher@netherhall.cumbria.sch.uk | | Mr Newton d.newton@netherhall.cumbria.sch.uk | Miss Holliday c.holliday@netherhall.cumbria.sch.uk |