

TURTON

Year 7 Easter Update

A springtime update on what year 7 pupils have been learning this term, just in case they are becoming less forthcoming with age! Additional information about the Scholars' curriculum is in brackets. All of our knowledge organisers, detailing what will be on our end-of-year tests, are here: <https://www.turton.uk.com/ks3revision/>

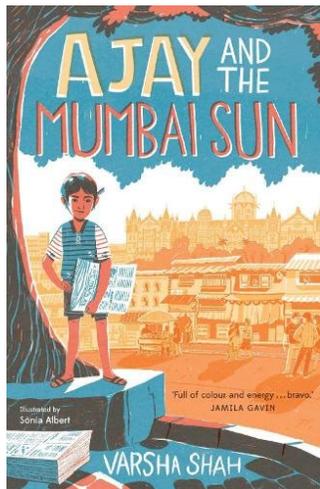
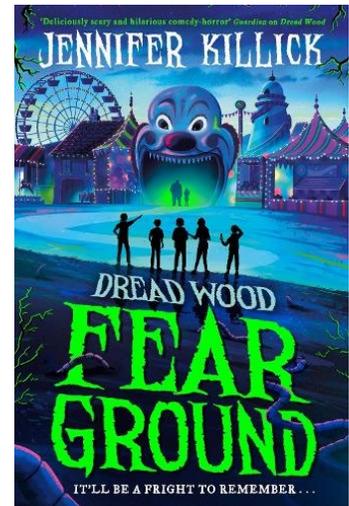
- **English:** The Diary of Anne Frank, extracts: Malala Yousafzai, Education by Tara Westover (*Frank McCourt*)
- **Maths:** Operations and Equations with Directed Numbers, Fractional Thinking (*Addition and Subtraction*)
- **Science:** Elements and Compounds, Forces, Reproduction (*Fertility and IVF*)
- **History:** Medieval, Crusades, Magna Carta (*Language & Text Comparisons, Influence & Consequences*)
- **Faith & Ethics:** Judaism, The History of Judaism, Core Jewish Beliefs and Practices. (*Greeks, Rationalism vs Empiricism*)
- **Geography:** Rivers, Weather & Climate (*Fluvial Geomorphology and Hydrology, Meteorology*)
- **Spanish:** Family and Relationships
(*French: Family and Relationships, Y7 Latin – “ludi” – Entertainment, Public Festivals*)
- **Drama:** Script Writing, Radio Plays, Foley Artists, Physical Theatre (*Public Speaking, Greek Myths*)
- **PE:** Movements Possible at Joints, Flexion and Extension
- **Music:** Rhythm & Instruments of the Orchestra (*Ledger lines, Accidentals*)
- **Technology:** Industrial Revolution, fibres & fabrics, healthy Eating, Timber Properties
- **Art:** The Renaissance, Leonardo da Vinci, Albrecht Durer (*Edges, Photorealism, Reflective Surfaces*)
- **Computing:** Algorithms, Problem Solving, Decomposition (*Bubble Sorting & Comparison*)



Recommends

Dread Wood Fear Ground – Jennifer Killick

The brand-new must-read novel from the author of Crater Lake and Dread Wood. There's a new craze at Dread Wood High. Flinch is a game of fear. The more you scare your friends, the more points on the app you get. At first, it's fun, but soon fun is replaced by fear. And Angelo and his friends notice that everyone is behaving more and more strangely every day - almost as if something is taking over their brains... With the fair arriving in town, adrenaline and excitement levels are high. But who are the people behind the super-creepy clown masks? With fights breaking out and Flinch in full force, it's time for the final showdown at the Fear Ground. Let the REAL games begin! This gripping novel is a perfect follow up to Dread Wood. Come and scare your socks off in the library!



Ajay and the Mumbai Sun – Varsha Shah

Abandoned on the Mumbai railways, Ajay has grown up with nothing but a burning wish to be a journalist. Finding an abandoned printing press, he and his friends Saif, Vinod, Yasmin and Jai create their own newspaper: The Mumbai Sun. As they hunt down stories for their paper, the children uncover corruption, fight for justice and battle to save their slum from bulldozers. But against some of the most powerful forces in the city, can Ajay and his friends really succeed in bringing the truth to light? Not to mention win the most important cricket match ever... This beautifully written novel will warm your heart and restore your faith in humanity.

Check it out from the library this term..... Mrs Taylor (Librarian)

Jump in

Just to let you know about some of the marvellous things going on that our students can be involved in to really make the most of their time at Turton. This term:

Gardening and Eco Club: 3 – 4pm every Thursday meet in G2. This club will be running after the Easter holidays and offers you a chance to grow flowers, vegetables and learn all about gardening and growing your own food. A great chance to be outside learning a new skill. [Miss Bithell \(Geography Teacher\)](#)



Orchestra –Thursday 3-4pm in MU1 **Vocal Group** – Monday 3-3.45pm in MU2 Following on from the school show, the vocal group are now going to learn new material for performance in the Summer Concert. Those going on the Austria tour must attend the vocal group.

[Mr Parkinson \(Head of Music\)](#)

Spotlight: A-level Chemistry

Each term we'll spotlight a course at Turton sixth form, just in case pupils are wondering where excellent learning can take them. Information about all courses is available in our prospectus here: <http://www.turtonsixthform.uk.com/>

Mrs Bali (Head of Sixth Form)



The Course

A-LEVEL

Chemistry

You will follow the AQA course and study:

Inorganic Chemistry:

Periodicity, groups 2 and 7 and the reactions of transition metals.

Organic Chemistry:

The key types of organic molecules, alkanes, alkenes, haloalkanes, alcohols, carbonyl compounds, amines and aromatics. Spectroscopic techniques and aspects of biochemistry are also covered.

Physical Chemistry:

Atomic structure, amount of substance, bonding, energetics, kinetics, equilibria, thermodynamics and electrochemical cells.

There will be three two hour exams with a mix of structured, longer and multiple choice questions. Practical content is examined as part of these examination papers.

There is also an option to do the AS examination in Chemistry at the end of Year 12.

Why study Chemistry?

Chemistry deals with the behaviour and development of materials and the atomic and molecular interpretation of the world around us. An understanding of Chemistry will allow us to tackle important global issues such as the environment and energy. The subject also plays a key role in the development of new technologies, bringing together fundamental aspects of fields such as Mathematics, Physics, Biology, Engineering and Geography.

Where does it lead?

Chemistry is an essential requirement for courses such as Medicine, Veterinary Science, Dentistry and Pharmacy. However, the high level of transferrable skills makes it a well-respected qualification, offering a clear indication of academic ability, which is highly valued by the top universities and potential employers.

What does it go well with?

Fits well with other science subjects like Biology and Physics, as well as Maths and Geography.

Requirements

At least a 6 in Chemistry as a separate science, or a 6 in double award science.

There is a high mathematical content in the course, so a good GCSE in Maths is also recommended.

"It's a fun environment but we always have a productive lesson. We do lots of practical work, but balance this with discussion and exam style questions." - Robyn

Mr Smith



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"Chemistry must become the astronomy of the molecular world." - Alfred Werner