

# Year 7 Curriculum Newsletter



**February – Easter 2020**

Welcome back to the second half of the Spring term. This is the first of our new curriculum newsletters which we hope you will find helpful in providing you information on what your child will be studying in a range of subjects this half term. We have also included details on how we will assess your child's understanding of the learning and ideas on how you can support your child further.

## Science

**Useful Science resources:**  
BBC Bitesize website,  
CGP KS3 Science Revision Guides

### Chemistry

Types of reactions,  
Acids and alkalis

### Physics

Energy: energy transfer  
and energy costs

### Biology

Ecology: Interdependence & Genes

Assessments: Indigestion remedies and knowledge test on everything studies so far

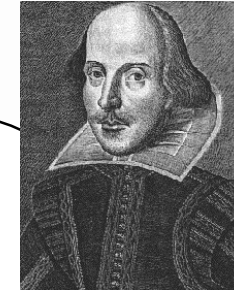
Clubs: STEAM club Wednesday lunchtime.  
Green Fingers - Gardening Club coming soon

## History

Students will learn about Medieval Medicine. Students will research the causes of medieval disease & learn about treatments through role play. The Black Death will be studied, the symptoms and its impact. Students will engage in a classroom based archaeological investigation into skeletons found at Charterhouse Square, London.



We encourage students to continue reading for pleasure outside of the classroom.



## Geography

Students will learn about Weather and Climate. They will discuss different types of weather, learn how they are measured, and look at examples of extreme weather. Students will learn about the water cycle and clouds as well as having the opportunity to engage in some microclimate fieldwork.

Students will be tested on their understanding by completing an assessment at the end of the topic.

## ENGLISH

Students will be introduced to Shakespeare and study one of his most popular plays: 'Romeo and Juliet'.

Students will share reading of the play in class with opportunities to act out scenes in order to develop their understanding. Lessons will focus on covering key subject terminology and written tasks designed to practise analysing sections of the play. Alongside this, we will study Elizabethan England to boost their understanding of this time period and how this influenced Shakespeare's work. To support your child visit BBC Bitesize which offers a variety of resources on the play:

<https://www.bbc.co.uk/bitesize/topics/zykncwx>

## Maths

Students will be working on angles and shapes. They will build upon KS2 learning to solve geometric problems involving angles in quadrilaterals, polygons and those found between parallel lines. Protractors and compass will be used to accurately construct triangles and learn about shape transformations. There will be an assessment at the end of the topic to test students' understanding of the key skills covered. Students have access to [www.mymaths.co.uk](http://www.mymaths.co.uk) which is an excellent portal for further home learning.

*The Astley Cooper School is celebrating British Science Week, commencing 8/3/20. Students will engage in a range of fun activities involving Science, Technology, Engineering and Maths. Get ready to get inspired*

Aspiration

Determination

Integrity