



ST GEORGE'S
EDINBURGH

LOWER SCHOOL

Curriculum

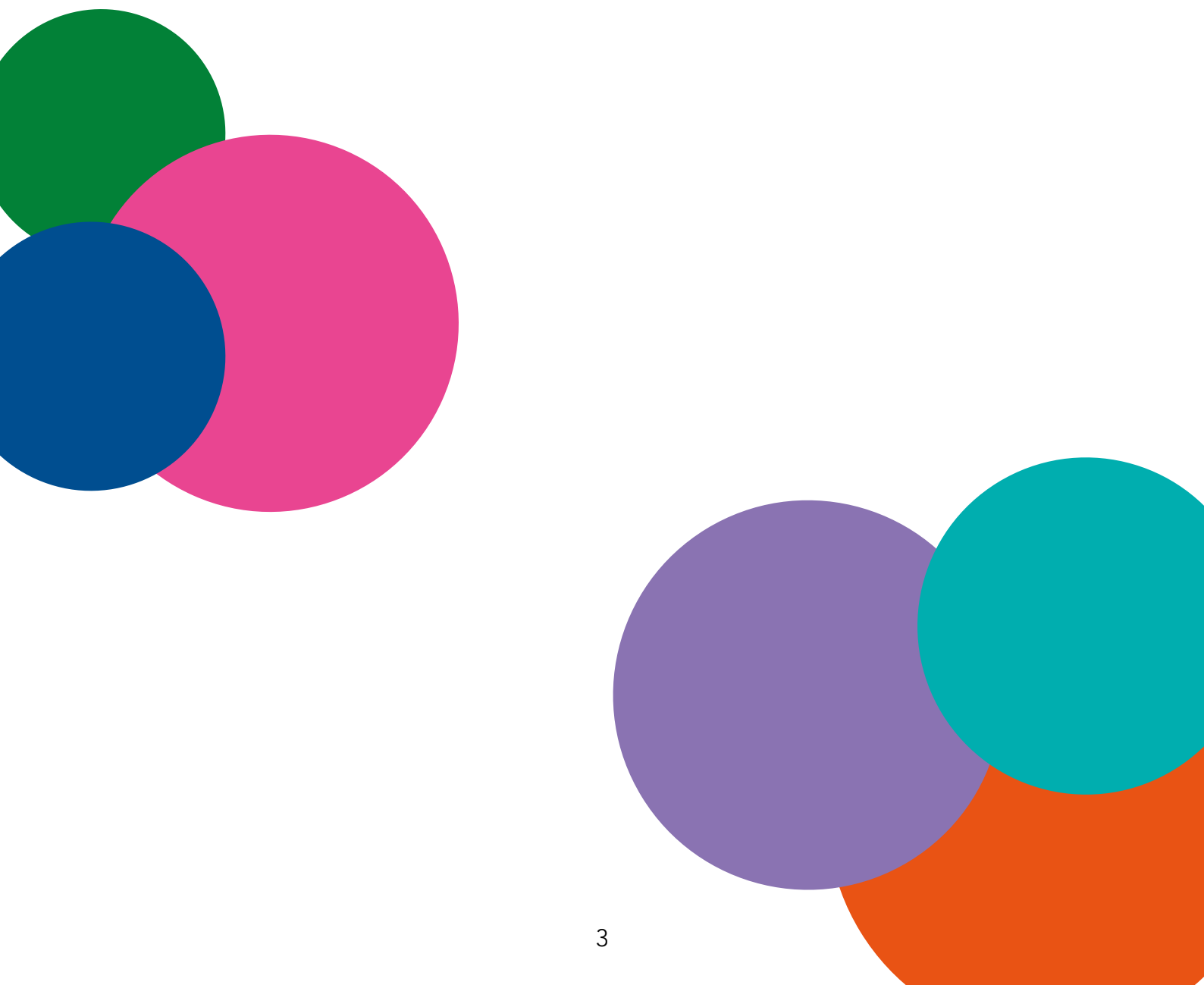
PRIMARY 6





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Welcome

Our Lower School provision (for 10 – 13 years olds), which is the equivalent of a middle school in other educational settings, is quite unique in Edinburgh. A dedicated pastoral team and campus enable us to pay extra attention to this vital transition point for the girls, ensuring a smooth, happy and confident start to secondary education.

In the Lower School (around 150 pupils), girls have longer and fuller school days, allowing for more time to engage in a variety of activities.

In Primary 6, pupils are still taught within a primary model, alongside all the added opportunities you would expect at St George's: teaching from subject specialists in Music; Drama, Art; Sports; Languages and Computing; use of all senior facilities; and a vibrant co-curricular and trips programme. Pupils regularly experience cross year activities and we have some planned events with Merchiston too.

Primary 6 aged pupils are based in our historic Lansdowne campus, surrounded by abundant outdoor space for play, quiet spaces for chats with friends or reading and downtime, and teaching spaces dedicated to this pivotal educational stage.

This curriculum is agile and therefore subject to change as we respond in real-time to the needs of our current pupils.

“Throughout your daughter’s time with us, she’ll experience several gradual and smooth transitions as she progresses through the year groups that are supported by an excellent pastoral staff and curriculum.”





Numeracy and Mathematics

Place Value and Large Numbers

- Count, order read and write whole numbers to 1,000,000 (and beyond where appropriate)

Estimate and Round

- Estimate and round any number to nearest whole no., 10 or 100 (and beyond: 1,000, 10,000, 100,000 and 1,000,000)
- In some cases, round to the first place in decimals e.g. round 1,649.28 to 1dp

Time

- Equate 24 hour and 12-hour times.
- AM & PM
- 24 hour timetables
- Calculate durations – hours, minutes

Addition and Subtraction

- Understand and carry out the standard written method for addition and subtraction (including decimals)
- Solve problems involving whole numbers

Multiplication and Division

- Mentally by 10, 100 and 1000 and by multiples of the same
- Understand and carry out the standard written method for multiplying a 3- and 4-digit number by 1 digit and by 2 digits
- One (and possibly two) digit division

- Solve problems involving whole numbers
- Understand multiples and factors

Fractions

- Finding equivalent fractions
- Finding fractions of a quantity
- Converting between whole or mixed numbers and fractions
- Adding and subtracting fractions
- Multiplying fractions

Decimals

- Converting fractions to decimals
- Numerical calculations involving decimals

Percentages

- Finding percentage of a quantity
- Understanding the relationship between decimals and fractions.

Position and Movement

- 3 -digit bearings
- 8-point compass directions
- Coordinates in 4 quadrants
- Being able to identify turns in multiples of 45 degrees
- Appreciate co-ordinates and rotation

Angles

- Name, estimate, measure, draw, label and calculate angles to the nearest 1 degree
- Use a protractor
- Calculate missing angles

Information Handling

- Use and draw trend graphs, bar graphs and other graphs
- Be able to calculate range, mode, median and mean
- Use spreadsheets and interpret databases
- Calculate probability (extension)

Shapes

- Identify and describe the properties of 2D and 3D shapes
- Symmetry- line and rotational

Money

- Be able to plan a holiday which meets given criteria, compare costs, calculate distances and fuel costs and stay within budget

Measure – Length, Perimeter, Area, Volume, Weight

- Be able to read scales
- Be able to use appropriate unit of measurement (e.g. litres, kilograms, etc.)
- Understand the relationship between commonly used units (e.g. $1\text{kg}=1000\text{g}$, $1\text{m}=100\text{cm}$)

Problem-Solving throughout all topics focusing on various strategies

- Listing
- Draw a table
- Trial and improvement
- Draw a diagram
- Try a simpler case

Mental Maths

- Develop strategies for mental calculations
- Secure knowledge of times tables up to 12×12
- Knowledge of squares and square roots



Literacy and English

Spelling

- Spell frequently used and less frequently used words accurately
- Common spelling patterns, root words, homophones, plurals, word origins, suffixes, prefixes
- Encourage confident use of dictionaries and thesauruses
- Encourage use of spell-check tools on Office 365

Listening and Talking

- Listen and discuss class and group texts
- Prepare and present talks on natural disasters and the human body
- Learn and recite a Burns' poem
- Listen to the opinion of others and respond appropriately

Reading and Writing

- Find and select information from a variety of sources
- Select, read and listen to own choice of texts and explain preferences
- Read unfamiliar texts with increasing fluency, understanding and expression.
- Respond to literal, inferential and evaluative questions
- Identify and explain the difference between fact and opinion

- Discuss structure, style, characterisation, setting and genre
- Make notes and organise these with headings.
- Use notes to create texts, using own words.
- Employ fluent, legible style of joined up handwriting
- Explore and experiment with common poetic devices
- Use language which engages the reader
- Vary sentence structures and divide work into paragraphs
- Proofread and edit own work
- Acknowledge sources using a bibliography
- Use relevant details to support points/arguments
- Further develop grammatical and punctuation skills with particular emphasis on word types, clauses and phrases, sentence punctuation, commas, conjunctions, prepositions, brackets and dashes, apostrophes, verb tenses, standard and non-standard English, inverted commas



Science

Scientific Curiosity

- Consider the origin and size of our universe
- Explain day, month and year in terms of the movement of the Sun, Earth and Moon
- Describe the formation, characteristics and uses of rocks and soils.
- Understand more about Space travel and exploration
- Understand how to work safely in a laboratory
- Understand how different parts of the body work, and work together, and help us grow and keep us alive
- Identify the main organs and systems of the human body
- Describe the broad functions of the human body's organs and understand how the different systems work
- Describe the main changes that occur in puberty
- Describe the main stages of human reproduction
- Visit to Edinburgh Zoo – cycle of Life workshop



Social Studies

India

- Locate India on a World map
- Use an atlas to be able to identify certain features of India
- Understand that India is a land of contrasts by focusing on the specific locations of Mumbai, Kochi, Jodhpur and Leh
- Study the different ways people, adapt to their environment
- Consider life in Urban India, focusing on Mumbai
- Compare and contrast life in India with life in the UK

Ancient Greece

- Locate Greece on a map and state when the Ancient Greeks lived
- Learn about the people of Ancient Greece, their culture and their legacy to our lives in Scotland today (Context: Legacy of Ancient Greece project)
Topics covered: Gods and Goddesses, famous Greeks, philosophy and science, architecture, theatre, democracy, language- English words that have Greek roots, the Olympics
- Learn about Ancient Greek beliefs and mythology

Context: Work collaboratively to form a 'business'

- Be able to cost and source raw materials.
- Plan and produce a successful finished product, which will be sold.
- Understand terms 'profit' and 'loss'
- Consider their own, and others, skill set and think of ways to improve their individual skills.
- Evaluate their team's successes

Context: Peer Learning

- Understanding how to create, plan, resource, execute and evaluate a lesson for a younger peer.



Religious & Moral Education

Hinduism

- Be aware of some of the different Hindu Gods and Goddesses.
- Listen to some Hindu stories
- Be familiar with some of the major celebrations, festivals, customs, sacred places and symbols

Christianity

- Be familiar with creation stories from different cultures
- Develop one's own belief of creation
- Explore symbolism and customs associated with Advent
- Show knowledge of the Easter Story
- Develop an awareness of why Christians celebrate Easter and its customs
- Understand the customs associated with Lent
- Consider own beliefs and values
- Appreciate the moral qualities of saints (including study of St Columbia) and notable modern Christians – standing up for your beliefs, considering people who change their beliefs and opinions. (Context conversion of Saul)
- Consider the work of Christians in the world today- contributions to society





Health and Well-being (PSE)

Personal and Social Education

- Demonstrate respect and tolerance for those whose opinions differ from their own
- Continue to develop resilience and coping skills
- Develop skills to widen friendship circle
- Consider the ethos and motto of St George's
- Understand the UN Convention on the Rights of the Child
- Understand the importance of truth and trust.
- Be aware of their own abilities and aptitudes- accepting our differences
- Bullying – difference between banter and bullying (Context: Anti-Bullying week)
- Risks- dealing with and avoiding risks (context Risk Factory visit)
- 'Keeping Myself Safe' series of lessons focusing on personal safety
- Continue transition preparation for Remove – particular focus on support networks, study habits and personal organisation.
- Understanding the importance of a balanced diet
- Other topics: confidence building and self-esteem, positive and negative statements stereotypes, peer-group pressure, truth and trust, difference between needs and wants



Information Computing Technology

ICT

- Understanding what is inside a computer
- Understanding of Microsoft Office 365, cloud storage, emails
- Learning how to create engaging presentations
- Introduction to Excel and the basics of workbooks, including formatting and charts
- Continue to use Microsoft Teams and Office 365 to assist with their independent research task
- Online safety awareness (digital footprints, phishing and scams, online security, password safety, combating negative online behaviour, and responsible communication.)
- Coding and developing games using SCRATCH
- Revision of research and presentation skills (context: tourist brochure for a given location in India)
- Consolidation of use of OneDrive and Teams (context: Legacy of Ancient Greece)
- Video editing -using Canva: image and audio representation, storyboarding, animations, and transitions.
- Coding - individual projects

Boardgames

- Working collaboratively, design and make a board game to a specific brief.
- Skills: Measuring, marking, cutting wood, using equipment safely
- Being able to evaluate finished products and those of others.

