



**NORTHGATE**  
*High School*

Realising their Potential

# Year 7

## 2024 - 2025











# Welcome to Northgate

We welcome you, parents, carers and students, to your first year at Northgate High School and hope that it will be a happy and successful one.

Welcoming our new Year 7s to the school is always a highlight and we are excited to meet our future students. The ethos at Northgate has always focused on high expectations and our aim is to educate your child to achieve his or her full potential in every aspect of school life. Every member of the Northgate community is encouraged to contribute to its life and success, to provide a happy and stimulating environment where everybody's potential is fully realised. Respect, determination and teamwork are the school's core values.

At Northgate we provide a caring and happy environment to facilitate the smooth transfer from Primary School to High School. Students are given opportunities to develop their academic, musical, artistic, sporting and personal and social skills to the full. We aim to give students the confidence to progress successfully through the school, and to become capable and considerate young people who take responsibility for their own futures.

# Year 7

Students joining the School in Year 7 are based in the Lower School Centre for registration with Year 8 students. The Lower School Centre provides a secure pastoral base for the 500 younger students who have their registration and some of their subjects taught in the Lower School classrooms or specialist rooms.

## Organisation

Students will be organised into nine mixed-ability form groups and will be allocated a form tutor who is responsible for the day to day pastoral care of the students in the class. The Head of Year has the overall responsibility for the academic progress and welfare of students in Year 7.

## Curriculum

Students in Year 7 will follow the National Curriculum Programme of Study in English, Maths, Science, Technology, French or German or Spanish, History, Geography, Art and Physical Education. Computer Science is taught as a separate timetabled lesson in Year 7 to give students a good foundation in the basic skills. It is also taught as an integral part of the curriculum in other subjects. In Drama and Music students have the chance to use the specialised studios in the Northgate Arts Centre.

Students study French or German or Spanish in Year 7 and 8. Although forms, and thus teaching groups, are mixed ability, in some subjects setting is progressively introduced through the years. Whilst at Northgate, students will be offered many opportunities to extend their learning through trips, clubs, competitions and numerous other additional activities.

Philosophy, Religion & Ethics courses we follow are built upon the aims and objectives of the Suffolk Agreed Syllabus, and weekly assemblies are non-denominational. Parents/carers who wish to withdraw their son or daughter on grounds of conscience should give written notice to the Headteacher. All students will follow a programme of Personal, Social, Health and Economic Education, which includes Sex and Relationships Education.

## School Links

A great deal of time is invested in maintaining close liaison with primary schools so that each student's individual needs can be taken into account and previous attainment built upon. Liaison occurs across all subject areas and academic data from primary schools is available for all teaching staff in Year 7. Separate visits and meetings are organised for discussion of pastoral and special education needs. Northgate receives students from over 30 different primary schools in the area.



# Learning Partnership

## A Partnership

We understand that every parent/carer and student has expectations of school and in the same way the school has expectations of parents/carers and students. We believe that the most effective educational experience for students can be achieved when parents/carers, students and professionals work together.

### At Northgate we aim to:

- provide a caring environment where the student can feel happy and secure
- ensure that the curriculum meets the needs of each individual student within the resources available to the school
- provide a comprehensive programme of teaching and extra-curricular experiences
- communicate regularly on progress
- respect and value cultural and religious differences
- foster a culture of mutual support and respect.

### In turn we expect students to:

- support the Northgate values of Respect, Determination and Teamwork
- maintain very high levels of attendance
- be punctual in attendance both to school, and to all four lessons during the day
- wear the Northgate school uniform
- support the code of conduct and discipline of the school
- follow the school curriculum and complete work that is set in lessons to a high standard
- extend work done in class by completing homework
- be prepared with the correct equipment each day
- be an active member of the school community.

### As parents/carers you can support the school and your child by:

- taking responsibility for getting your child to school every day, on time and with correct equipment and uniform
- informing the school on the day, the reason for non-attendance
- communicating any problems early
- support working both at school and at home
- attending Parents' Evenings and other relevant events.

# A year 7 school day

School hours are from 8.40am to 3.10pm Monday to Friday; the lunch break is 45 minutes; there are four lessons of 75 minutes duration each day.

## Lesson times:

	Start	Finish
Assembly/Registration	8.40	8.55
Period 1	8.55	10.10
Break	10.10	10.35
Period 2	10.35	11.50
Lunch	11.50	12.35
Period 3	12.35	13.50
Period 4	13.55	15.10

The school cannot accept responsibility for students who arrive on the school premises **before 8.30am**, unless attending a club or an arranged meeting.

All students should be clear of school premises **by 3.20pm** unless they are involved in an activity supervised by a member of staff.

## Term dates for Academic Year 2024 - 2025

Autumn Term	Wednesday 4th September 2024 to Friday 20th December 2024 (Half Term: Monday 28th October - Friday 1st November 2024 inclusive)
Spring Term	Tuesday 7th January 2025 - Friday 4th April 2025 (Half Term: Monday 17th February - Friday 21st February 2025 inclusive)
Summer Term	Monday 23rd April 2025 - Tuesday 22nd July 2025 (Public Holiday: Monday 5th May 2025) (Half Term: Monday 26th May - Friday 30th May 2025 inclusive)

## Holidays

There are leave of absence forms available in the Lower School office for you to inform us in advance of any leave to be taken during the term. However, it is now County policy that except in exceptional circumstances holidays taken in term time will not be authorised and can incur a fixed penalty notice.



# The first day

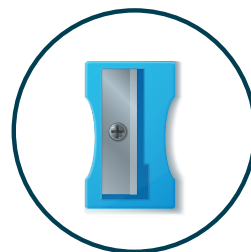
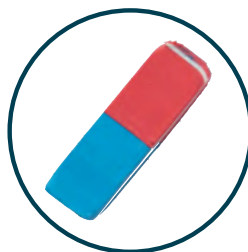
All students should report to the Lower School at 8.40am where they will be met by their tutor and be shown to their classroom. They will spend some time of the first day with their form tutor, settling in and getting all the information they need. Teaching Assistants will be allocated to tutor groups to help students settle in and get ready for the day.

Items your son or daughter will need for school:

- a roller ball pen
- a pencil
- a ruler
- a rubber
- a highlighter
- some coloured pencils
- a protractor
- a pair of compasses
- a pencil case to keep these items in
- a reading book
- a dictionary for English and Languages
- a calculator – Casio fx-83GT-CW is strongly recommended, however any scientific calculator will be fine
- a water bottle

These items should all be contained in a suitable pencil case and taken to every lesson.

If your child receives free school meals we will give them a pencil case containing essential stationery, including the correct calculator, when they join us in September.



# Break time arrangements

## Morning Break

Students are expected to be outside unless it is very wet.

Students should bring their own snacks for morning break, we also serve a selection of food at break time in our dinner hall.

## Lunch Break

Students can use our dinner hall or eating zone to eat their lunch.

After students have eaten, they will go with their peers to the dedicated play area.

## Lunch

### *Packed lunches*

If you wish to give your son or daughter a packed lunch, this is eaten in the School Dining Hall, or in specified areas outside in fine weather.

### *School lunches*

For Years 7-11 a fixed price lunch service is available for those on free school meals and those who do not bring a packed lunch from home. The meals are a fixed price currently £2.70. School lunches are purchased by biometrics (a fingerprint) or a lunch card (if requested). Parents can add funds to the students account via the school gateway from September 1st 2024. The food, supplied by our in-house kitchen, complies with the school nutritional standards.

## Activities at Lunchtime

Students may:

- use the school library, if available
- play ball games in the dedicated play area
- participate in the various clubs and societies operating at this time.



# School uniform

School uniform is worn by all students until the end of Year 11. Students are expected to be clean, neat and tidy, and to bring credit upon themselves and the school by their appearance. Items must be clearly marked with the owner's name. The Northgate school uniform is available from Coes and PMG Schoolwear.

## **Branded item – available for purchase either in store or online from Coes and PMG Schoolwear**

- Northgate sweatshirt. All students are required to own a Northgate embroidered sweatshirt, which cannot be replaced by any other garment worn directly over the blouse/shirt. Students can continue to wear the Northgate branded jumper if they already have one.
- Hoodies, zoodies and other sweatshirts are not appropriate items for school and should not be worn as a replacement for the Northgate sweatshirt

## **Non-branded items – available at Coes and PMG Schoolwear and can be purchased elsewhere, as long as they meet the uniform requirements as stated below:**

- Plain pale blue short-sleeved school shirt/blouse.
- Plain black traditional, straight-legged, full length, school style trousers. Acceptable styles at varying prices are available from either Coes' Schoolwear Department or PMG Schoolwear.\* (No denim, patterned material, excessive flares, tight fitting 'skinny' trousers, hipsters, embellished or three-quarter length).  
*\* Although we do not insist trousers are purchased from these outlets, trousers that are not a plain black traditional school style will not be permitted. We therefore strongly recommend both these outlets to avoid students being told their trousers are unacceptable and parents having to buy replacements.*
- Footwear must answer yes to the following three questions:
  - are they all black?
  - are they free from different coloured logo?
  - are they leather/faux leather?
  - are they low heeled?
- White, navy, black or grey socks.

## **Other items:**

- Students may wear a plain white short-sleeved or sleeveless vest underneath their shirt or blouse but this must not be visible at any place other than the neckline.
- A plain black or dark blue head covering may be worn for religious reasons.
- Accessories such as belts and hair bands should be plain and consistent with the Northgate uniform colours.
- A single pair of stud earrings is allowed and a watch. Any other jewellery if visible can be confiscated.
- No fake nails or nail polish.
- Hair to be of a natural colour with no extreme styles.

Further details of uniform can be found on our school website.

## **Second-Hand Uniform**

If you would like to obtain items of second-hand uniform:

- The school has a range of second-hand items available.
- If you would like to ask about this, please call or email the school with details of which items and sizes you need, and we will let you know if we have these available.

# PE kit

Students should come to school wearing their PE kit on the days that they have PE.

All Northgate branded items are available for purchase either in store or online from Coes and PMG Schoolwear.

## Boys

### Compulsory branded item:

- Northgate embroidered navy/cyclone blue polo shirt (AKOA branded)\*

*Also required:*

- Shorts – either:
  - Plain navy blue or black school sports shorts, OR Northgate branded navy/cyclone blue football shorts (AKOA branded)
- Top layer for cold weather – either:
  - Northgate sweatshirt from main school uniform OR Northgate embroidered navy/cyclone blue reversible rugby shirt OR Northgate embroidered navy microfleece (AKOA branded)
- White socks
- Sensible multi-purpose sports trainers that provide adequate support and shock absorption.
- Pair of football boots with moulded studs, studs, or blades
- Pair of shin pads

## Girls

### Compulsory branded item:

- Northgate embroidered navy/cyclone blue polo shirt (AKOA branded)\*

*Also required:*

- Shorts or skort – either:
  - Plain navy blue or black school sports shorts/skort OR Northgate branded navy/cyclone blue football shorts/skort (AKOA branded). Plain black or navy cycling shorts are not acceptable as sports shorts
- Top layer for cold weather – either:
  - Northgate sweatshirt from main school uniform OR Northgate embroidered navy/cyclone blue reversible rugby shirt OR Northgate embroidered navy microfleece (AKOA branded)
- White socks
- Sensible multi-purpose sports trainers that provide adequate support and shock absorption.
- Pair of football boots with moulded studs, studs, or blades
- Pair of shin pads

### Optional items

- Northgate embroidered navy microfleece (AKOA branded)\*
- Plain navy or black tracksuit bottoms.
- Boys can wear black/navy leggings under shorts and girls can wear black or navy sports leggings, as indicated on the school website.

All items must be clearly marked with the student's name and form.

**If you have any questions regarding kit please contact Mr S Smith, Head of PE Department.**

*\*These items are available for purchase from Coes*



# Go4Schools

Every student, and anyone with parental responsibility, will be able to set up a login for Go4Schools when the academic year begins. Go4Schools is an online platform that contains information around each student's:

- Timetable
- Attendance
- Homework
- Progress
- Behaviour tracking

Further information around how to access Go4Schools is available on the school website at: [www.northgate.suffolk.sch.uk/page/?title=Go4Schools&pid=98](http://www.northgate.suffolk.sch.uk/page/?title=Go4Schools&pid=98)

## Homework

We know that classwork can be reinforced very effectively through regular, focused homework. Parental encouragement can go a long way to improve the quality of the work completed. Your support will help to ensure that your child is able to make the best progress possible.

You will be able to see your child's homework via Go4Schools. The amount of time needed to complete homework will vary from student to student, but the average time should be:

- If a student has a subject twice per week – approximately 30 minutes, once per week
- If a student has a subject once per week – approximately 30 minutes, once every other week

We aim to link homework tasks to Northgate's 5Rs, helping them to build strong independent study habits that will be crucial as they progress through their education. It is very important that students get into the habit of taking responsibility for their learning and that they regularly revisit and test themselves on material covered earlier in the year.

Students and parents can easily track the homework that has been set, and can access details/resources for each task, using Go4schools. Students are also able to tick tasks off as 'Done', to help with their organisation.

## Attendance and Punctuality

Students are expected to attend punctually and regularly. Absences for any illness should be notified to the school on the day by a phone call to our Attendance Officer. If your child is absent from school and you have not phoned, you will receive a phone call or text from the Attendance Officer. Students who are late arriving for school, or who need to leave early, should report to the General Office Reception on arrival or departure to sign in, or out.

## Behaviour Tracking

Students can receive positive and negative points on Go4Schools, linked to their classwork, homework, behaviour and demonstrating the Northgate Values. We encourage you to monitor this and to reinforce at home with praise and support in response to how your child is doing.

# Code of conduct

At Northgate we expect students will show consideration and respect for others. Rules should be fully observed. In particular, students are expected:

- to behave in a sensible and considerate way
- to be punctual and to work hard
- to respect the school buildings and environment, for example, by keeping all areas clear of graffiti, by placing all litter in bins and by not bringing chewing gum into school
- to wear full school uniform in school, and on the way to and from school
- to have hair within the natural spectrum of hair colour avoiding extreme styles
- not to arrive on site before 8.30am, and to leave by 3.20pm unless involved in supervised activities
- not to bring tobacco and cigarettes, shisha pens, alcohol, matches, lighters, knives or other dangerous items or illegal substances onto the school site
- to remain on the school site unless they have permission to leave
- to remain within their designated areas of the site at break and lunchtime unless they go home for lunch
- to mark all property clearly with their name
- to follow the guidelines for cyclists on the site
- to keep ball games to the designated areas
- not to eat food in any school buildings other than in the dining room or designated areas outside.

## Mobile Phones

Our broad policy on mobiles phones is that we expect that mobiles on site, are out of sight unless a member of staff has given permission to use one.

## Jewellery

Jewellery should not be worn, apart from watches and a single pair of simple studs for pierced ears (no hoops, dangling designs, large gems or bling!).

## Make Up

Make up and nail varnish should not be worn to school. Students will be required to remove nail varnish and/or eye make up that is clearly visible.

## Monitoring Progress

Our watchwords are “High Expectations” so we set high standards in all aspects of school life and maintain these standards by closely monitoring the progress of our students in many ways, including:

- use of online monitoring platform for behaviour, attendance and progress called Go4Schools
- communication by letter, email or phone call as soon as a problem arises
- formal monitoring of any students deemed to be underachieving academically
- a parents’ consultation evening in the Autumn Term of Year 7, when you are invited to discuss progress with form tutors
- a settling in check, followed by two further progress checks to help you see how your child is learning
- a parent/carer/teacher consultation evening allowing you to discuss progress with subject teachers.



# The library

All Lower School students are most welcome to use the library, both in their free time and during lessons when sent by a teacher. The library opens from 8.30am each morning.

Early in their high school career, all new students receive instruction in basic library study skills, and this is expanded in following years. Students are encouraged to become familiar with the library and to feel that they can ask for help at any time.

## Information

There is a large collection of reference materials: dictionaries, encyclopedias, atlases and statistics, as well as information books available for use in the library.

Students are encouraged to use information from a wide variety of sources, and particular care is taken to ensure that the stock is appropriate for all ages and abilities. Books are coded for the Accelerated Reader programme.

Fiction reading is encouraged and recommended reading lists are available. Fiction for leisure reading and story CDs may be taken out on loan.

## Using the library

Students may borrow books by bringing their choice to the library desk where the loan will be recorded electronically. The loan period is two weeks. No fines are charged on books returned late, and we make every effort to get books back from students. If the book is not returned or renewed within a reasonable time, parents are contacted by email and if necessary, an invoice for the full replacement cost is issued.

We hope that all students will find something to stimulate and interest them in the library and that they will find it an enjoyable and useful part of their school life. If any parent/carer would like ideas to encourage their child to read, do not hesitate to contact the Librarian.

## Homework Club

The library is open for Homework Club every day after school until 4pm. All students are welcome to use the resources and to work there quietly.



# **RSHE & PSHE Curriculum**

## **Relationships Education, Relationships and Sex Education (RSE) and Health Education**

### **Personal, Social, Health and Economic Education**

#### **Definition**

Relationship Education, Relationships and Sex Education (RSE) and Health Education are about helping young people develop healthy, nurturing relationships of all kinds. It should enable them to know what a healthy relationship looks like, what makes a good friend, a good colleague and a successful committed relationship. It is also about the teaching of sex, sexuality and sexual health. It is not about the promotion of sexual orientation or sexual activity.

Our students are living in a vastly complex world and living their lives both off and online. This presents many positive and exciting opportunities, but also challenges and risks. Our aim at Northgate High School is to ensure that in this environment, children and young people know how to be safe and healthy, and how to manage their academic, personal and social lives in a positive way.

#### **The Provision**

RSE is delivered through the RSHE & PSHE curriculum that is taught by subject specialist teachers. The teaching and materials are age appropriate and sensitive to the cultural background of the students concerned. The curriculum evolves through student voice and by listening to and including current issues that are part of our local community, and it can respond to include national and international issues when necessary.

The RSHE & PSHE curriculum programme ensures that all Statutory Statements are delivered through an embedded subject approach in Key Stage 3 and a Core Programme in Key Stage 4.

Content including Relationships & Sex Education, Physical Health & Mental Wellbeing, Spiritual, Moral, Social & Cultural, Citizenship, Diversity, Careers, Future Pathway Aspirations and the Environment are at the heart of our curriculum for life.

#### **The embedded subject approach to delivery is designed as follows:**

In Year 7 the History department have an additional lesson to deliver the content of the RSHE & PSHE curriculum. Sex education is taught as part of the Science curriculum within Year 7 and is delivered during the spring term; parents and carers are notified before delivery of this unit of work. The topic is taught alongside the National Curriculum Science topic (see the Science programme of study 6 May 2015 statutory guidance). In other year groups the RSE is not linked specifically to a science topic but will relate to it.

In Year 7 the ICT department is responsible for the delivery of Internet Safety and Online Harms which are taught on rotation. In Year 9 they are responsible for delivering the Online and Media content alongside their curriculum.

In Year 8 the Geography department have an additional lesson to deliver the content of the RSHE & PSHE curriculum.

In Year 9 the Religious Education department deliver the RSHE & PSHE content of the curriculum alongside their own scheme of work. A Careers curriculum that supports the Year 9 GCSE Options selection process is also delivered.

The Key Stage 3 Curriculum is supported by content from a wide range of other curriculum areas. Food Technology deliver the Healthy Eating content of the curriculum, the Physical Education department support Physical Health and Fitness through their Year 7, 8 and 9 curriculum.

In Year 10 and Year 11 a Core Programme covers the RSHE & PSHE content of the framework. This is delivered by subject expert teachers and encapsulates a rolling Careers Programme that is delivered by our Careers Leader.

To view our full RSHE & PSHE Policy please follow the link below:

**<https://www.northgate.suffolk.sch.uk/about-northgate/policies/rshe-and-pshe/>**



# Learning Support

The Learning Support Faculty works closely with other subject departments to ensure that the needs of students are met.

Teaching Assistants work in a support role in the classroom giving additional help to students with learning needs and others. A small number of students follow individual programmes, which are designed to improve their basic literacy and numeracy skills. A Foundation Learning Programme runs in Years 7 – 11 targeted at those young people who require significant input for literacy. Additionally, some students benefit from bespoke intervention to address their particular social and emotional needs.

We provide the opportunity for small groups of students to take part in (please note that these may vary depending on updated risk assessments):

- Emotional Literacy Support Sessions
- Specialist Education Support Service sessions
- Speech and Language Sessions
- Dyslexia interventions such as Beat Dyslexia
- Lunchtime Friendship Club
- Homework Club



Students with SEND have a 'Student Passport' to help their teachers understand and support their learning needs.

We maintain good links with other agencies from whom we seek additional advice and support as required. Parents are made aware of a referral to an outside agency and their views sought.

We are keen to work closely with parents to ensure that the student's needs are identified and suitable provision made to meet them.

If you would like a copy of the Learning Support specific transition booklet (pictured left), please see Mr Bluck, Mrs Allsop or the school website.

# English

In the first two years English will be taught in form groups. Each group will receive three periods of English a week in Year 7 and two periods in Year 8. The needs of all children of all abilities and backgrounds will be catered for within this framework and in line with the National Curriculum.

## Aims

- To build on and develop the students' achievements at Primary School.
- To build confidence in the use of English.
- To provide stimulus and guidance in improving the range of language skills.
- To help children enjoy reading, writing, listening and speaking.
- To promote self-understanding, a sense of responsibility and co-operation between students of different backgrounds and abilities.

## Areas of Study

The work can be divided into three overlapping areas:

### Reading

Students will be presented with a wide variety of reading material, including stories, poetry and drama as well as fiction and non-fiction material from the 19th, 20th and 21st centuries. They will be introduced to the school Library and encouraged to read widely for enjoyment outside school. All Year 7 and 8 students will follow the Accelerated Reader programme on a weekly basis to encourage regular and differentiated personal reading for them. This will hopefully increase their literacy skills and confidence and encourage a life-long love of literature.

### Writing

Students will have the opportunity to write about a range of fiction and non-fiction texts, exploring how texts are written and their effect upon the reader. Half-termly written assessments will take place with a clear move towards encouraging more independent, detailed and accurate writing.

### Speaking and Listening

Effective speaking pre-supposes good listening. A significant amount of English time is given over to discussion, using a variety of approaches including group work, prepared debate and discussion work.

## Opportunities outside the classroom

Students have the opportunity to take part in a number of writing competitions and the annual Book Mastermind competition. Where possible, author visits and theatre trips are also included in the curriculum.

# Mathematics

Year 7 Mathematics is taught in broadly-banded groups based on ability with differentiation within the group. In Year 8 the classes are set by ability. There are two lessons a week in Year 7 and three lessons a week in Year 8. The subject content will meet the requirements of the National Curriculum and is based on the Key Stage 3 National Strategy Framework for teaching Mathematics.

## Aims

- To secure and build on the student's achievements at Primary School.
- To encourage students to develop their thinking skills and problem-solving abilities.
- To enable students to use their mathematical knowledge across the whole curriculum with confidence.
- To ensure that every student is given the opportunity to work to the limit of their potential.

## Meeting individual needs

When students arrive at Northgate High School they are taught Mathematics in their form groups until the end of October to allow us to gauge the level of ability of our students. We use transfer information from primary schools along with our Year 7 assessments to band the students based on ability after the first half term. We enjoy good support from the Learning Support Faculty so that those who are less able at Mathematics receive extra help with basic concepts. Equally we strive to promote the very best and each year some of our students are selected for national competitions.

## Methods of working

There are opportunities for a variety of learning styles. These include problem-solving; investigations; practical Mathematics; teacher exposition; routine practice; use of spreadsheet, database and dynamic geometry and graphing computer programs; strategy games and discussion. Homework will be regularly set in line with the school policy.

## The course

There are three main areas of Mathematics addressed:

- Number and Algebra – this focuses on general calculations and introduces abstract reasoning and problem-solving
- Shape, Space and Measures – this helps develop spatial awareness and also introduces various concepts of proof
- Data Handling – in a world ruled more and more by data, this helps develop the representation and analysis of data whilst testing hypotheses.

## Equipment

Part of the curriculum involves mathematical skills without the use of a calculator but for much of the time access to calculators will be actively encouraged for which every student will need his or her own. If you do not own a scientific calculator, we strongly recommend the Casio fx-83GT-CW, however any scientific calculator will be fine. This particular calculator will be available to purchase through school from September for £10 each. However, they are also widely available on-line or from stationary shops and supermarkets. In addition, each student should bring a ruler, protractor and a pair of compasses to every Mathematics lesson.



# Science

Students study science for two periods each week.

## The aims of the course are to:

- present science as an exciting, interesting, challenging and relevant subject to all students
- develop scientific skills and learning processes and the ability of students to think and thus prepare them for the GCSE Science course, which is studied by all students from the start of Year 9
- follow the programme of study for National Curriculum Science for Key Stage 3 in Year 7 and Year 8

Science at Northgate allows children to explore and investigate science, developing knowledge and understanding that allow them to explain the world of science and to understand it more fully. Students develop an understanding of the procedures of scientific investigation and learn practical skills.

Science teaching encourages children to develop a sense of curiosity by posing questions or practical problems for students to answer and solve.

Science is delivered in a series of units covering a mix of Physics, Chemistry and Biology topics. Six units are studied in each year with an end-of-unit test for each.

### Science in Year 7

- Particles, Mixtures and Separation
- Electricity
- Cells and Reproduction
- Chemical and Physical Changes
- Energy and Space
- Plants and Ecosystems

### Science in Year 8

- Motion and Forces
- Organ Systems
- Earth and Atmosphere
- Waves
- Evolution and Respiration
- Compounds, Elements and the Periodic Table



# Design & Technology

## Materials Technology, Graphics and Electronics

Design and Technology forms the core of the National Curriculum Technology.

Students will develop their technological capabilities in a realistic situation through research, generating ideas, investigating, planning, making and evaluating their work and the work of others.

### Design and Technology aims to:

- provide students with a broad and balanced range of knowledge, skills and technological experiences
- ensure well motivated students gain a sense of personal achievement through their practical work and an appreciation of the skills and workmanship of others
- develop responsibility and concern for others as they are working and to learn to look after tools and equipment
- encourage students to communicate their own ideas effectively and to apply other concepts and skills, i.e. Science, Mathematics and the use of Information Communication Technology.

Students will learn through a series of focused practical projects. They will develop their graphic skills and look at structures, mechanisms, and electronics.

They will work with wood, metal, plastics and card, and will experience a wide variety of tools and equipment.

Structures will be designed, built and tested. Mechanisms will be used to change motion and movement. Electronic components will be used to construct circuits and computers used to enhance project work where appropriate.

Tasks set are always accessible and applicable to all ability ranges.



# Design & Technology

## Food and Textile Technology

All students study National Curriculum Food and Textile Technology and find both subjects enjoyable and valuable because of their relevance and importance to everyday life.

Students in Year 7 have two periods of Food and one period of Textiles. In Year 8 students have two periods of Food one of Textiles.

Students explore a wide variety of topics that give them an understanding of both subjects, enabling them to develop their creativity whilst gaining new skills.

### Topics covered in Food:

- Food Hygiene & Safety
- Healthy Eating
- Seasonal Produce
- Product Analysis and Modifying Recipes
- Functions of Ingredients
- Product Development & Design
- Social / Moral / Economical / Environmental Considerations

### Food products made:

- **Year 7** – fruit salad, savoury salad, granola breakfast pots, crumble, scones, fishcakes, Quorn Bolognese and soup
- **Year 8** – macaroni cheese, cereal bar, bread, pizza, Mexican bean tortilla, patatas bravas, chicken goujons, fruit surprise, butterfly cakes and swiss roll

### Topics covered in Textiles:

- Artist studies and research
- Fabric construction (Weaving)
- Dying Fabrics (Tie-Dye, Brusho dyes, Batik)
- Surface Decoration Techniques (Quilting, Machine embroidery, Hand Embroidery, Beading, patchwork, fastenings)
- Design Development
- Cultural / Traditional / Modern Influences

### Textile products made:

- **Year 7** – Abby Diamond inspired Patchwork Cushion
- **Year 8** – Rainforest project / pencil case



# Art and Design

## Our aims are:

- to enable students to develop a visual awareness
- to express themselves in a variety of media and
- to nurture the philosophy that every individual possesses important abilities and skills worthy of development within this subject

## Areas of study

Through doing and making students should be able to 'see' more perceptively and enjoy the visual aspects of the world in which we live.

To achieve these ends, students will explore colour, shape, line, tone, texture, pattern and form.

They will use a broad range of media and techniques and a substantial amount of work will be done in sketchbooks. Homework will be regularly set and sketchbooks regularly used for gathering information, experimenting, documenting work and research.

Schemes of work explore the formal elements, still-life, Cubism and Post Impressionism, and involve the use of ICT, print making, ceramics, sculpture, painting and drawing. Students also have the opportunity to explore other media, and are encouraged to be expressive and imaginative in their approach to the subject. Extra-curricular clubs have included painting, weaving, Christmas card making, and knitting.

## Art materials

In addition to the items of stationery recommended at the beginning of this booklet, students will need a sketchbook (which they will be given by the school) and a range of art materials including 4B, 2B, and HB pencils, a set of coloured pencils or water based paints and glue. These will be necessary for completing homework and should be purchased from any stationery shop in preparation for September.



# Languages

At Northgate, we offer students three languages: French, German or Spanish. In years 7 & 8, all of our language courses aim to enable students to communicate successfully in the foreign language in practical situations, to learn about and understand aspects of the culture, customs and daily life of the relevant countries, and to encourage a positive attitude to foreign language learning and culture.

In Year 7, through to Year 9, classes study either French, German or Spanish. They will have two seventy-five-minute lessons a week. Students have timetabled access to the Language Centre facilities, enabling them to become familiar with interactive self-study languages software.

From September 2023, Year 8 students will be placed on one of two pathways:

1. Pathway 1, where students will continue with the same language that they started learning in Year 7;
  2. Pathway 2, where students will have the chance to study a second language until the end of Year 9.
- These pathways will be determined by teacher assessment and teachers' professional judgement.

These courses are closely linked to the National Curriculum guidelines which ensure that lessons are taught mainly in the foreign language, with emphasis on real-life situations.

## Year 7 Topics (and year 8 starters)

### French, Spanish and German

Topics include: greetings and introductions, classroom objects and vocabulary, personal details, countries and nationalities, numbers, time, dates, the alphabet, family, friends, pets, mealtimes, food and drink, school life, colours, clothes, expressing opinions, free time and the local area.

## Year 8 Topics

### French, Spanish and German

Topics include: sports and hobbies, describing your town, holidays and future plans, the weather, daily routine, free time, eating out, finding your way around town, likes and dislikes.

## International opportunities

A six-day German trip to the Rhineland takes place in Year 8. This is dependent on Government regulations at the time of the trip.

## Items that will help with learning a language

An up-to-date French, German or Spanish dictionary is essential.



# Computer Science

Computer Science has replaced Information & Communication Technology and is taught to all students in KS3.

Students will be introduced to the school network and e-mail system along with how to organise their user areas for use in other lessons. They will be taught in mixed ability form groups and will look at a wide range of ideas and skills including how computers and computer systems work, analysing and solving problems as well as designing and developing simple computer programs using both graphical and text based environments.

Much of what we will be doing will be to enable students to develop their computational thinking ability which is a skill that is useful in all areas of life. We will also be looking at developing a range of artefacts using traditional digital technologies as well as enabling students to work securely and safely online.

Homework will be set on a regular basis and is likely to be either research or completing activities for following lessons.

Students will have the opportunity to attend a variety of clubs including coding, developing multimedia, using Raspberry Pi computers and robotics.





# Drama

Each Year 7 class receives one lesson of drama a week taught in specialist facilities within the Northgate Arts Centre.

During the first six weeks of the Autumn Term there is a focus on social integration and students are encouraged to follow the Northgate Values in order to cooperate, communicate and contribute to group and class situations. Students are given the opportunity to develop an understanding of the key skills necessary for practical drama and these are demonstrated at the end of each lesson where work created is performed to the class.

Topics covered in drama include;

- Acting techniques
- Vocal skills
- Characterisation
- Mime
- Physical Theatre
- Tension
- Atmosphere
- Script work

The Summer Term allows students to take greater responsibility for their learning and within small groups they produce work using the script 'Refugee Boy' and devise an original piece of drama surrounding the topic 'Homelessness'. Through their explorations and devising process they are able to demonstrate their understanding of drama through appropriate use of skills and techniques in order to create meaning for an audience.

The role of literacy in drama is positively encouraged and is incorporated into schemes of work in a variety of ways such as reading resources to the verbal evaluation of performances. Students complete a written evaluation of their achievements and set themselves targets to improve.

Extra-curricular opportunities exist for all Year 7 students. They are invited to audition for the school show at the beginning of the year and there is also the opportunity to join Drama Club and Dance Club which run during lunch and after school. Studio space is available for students to rehearse their work and continue with their creativity outside of lesson time.



# Geography

Geography is a unique subject that investigates the physical structure of the planet and the social structure (i.e. how we affect our environment and how it affects us) in the past, present and future.

At Northgate we believe that Geography education should:

- foster in students a sense of wonder at the beauty of the natural world and an understanding of the processes that have shaped it
- develop in students an informed concern for the environment and an appreciation of the different cultures and backgrounds of people from all over the world
- help students develop a range of transferable skills such as map reading, data collection, ICT, and problem solving

## Year 7

- Introduction to the UK
- Physical landscapes in the UK
- Weather and climate in the UK
- The people of the UK - work, rest and play

## Year 8

- Mental Wellbeing and Rethinking Our Behaviour
- The geography of crime
- Global Issues
- Our unequal world
- Africa - an amazing continent



# History

History is an exciting and enjoyable subject because you get a chance to find out about real people and stretch your imagination investigating their lives. In Year 7 you will have two lessons of History a week as we have incorporated key aspects of the P.S.H.E curriculum into our programme of study

## Aims:

- Students gain a chronological narrative of how people's lives have shaped this nation and how Britain has been influenced and been influenced by the wider world
- Understand key concepts such as change and continuity, cause and consequence, similarity, difference and significance.
- Gain historical perspective by placing their growing knowledge into different contexts, understanding the connections between local, regional, national and international history; between cultural, economic, military, political, religious and social history; and between short – and long-term timescales.

The curriculum at Key Stage 3 follows a logical order which enables students to have a firm understanding of chronology. This chronology is underpinned by six key themes (Conflict, Empire, Ideas and Beliefs, Migration, Ordinary Life and Power) which are revisited across the three years.

National Curriculum thematic stories	How we have tackled them across the curriculum at Key Stage 3	
	Year 7	Year 8
<b>Conflict</b> The changing nature of conflict between countries and peoples and its lasting impact on national, ethnic, racial, cultural or religious issues, including the nature and impact of the two world wars.	The Battle of Hastings and the impact of the Normans	
<b>Empire</b> The development of trade, colonisation, industrialisation and technology, the British Empire and its impact on different people in Britain and overseas, pre-colonial civilisations, the nature and effects of the slave trade, and resistance and decolonisation.	The Islamic Empire	The British Empire. Case Study: India and Australia. Depth Study: Slavery and Toussaint Louverture.
<b>Ideas and beliefs</b> The way in which the lives, beliefs, ideas and attitudes of people in Britain (and the wider world) have changed over time.	The significance of Church. The Break with the Rome.	The Age of Revolutions: Thomas Payne
<b>Movement and settlement</b> The impact through time of the movement and settlement of diverse peoples to, from and within the British Isles.	Migration to Britain, 43AD - 1550AD.	Migration to Britain, 1750 - 1900.
<b>Ordinary life</b> The way in which the lives, beliefs, ideas and attitudes of people in Britain have changed over time and the factors – such as technology, economic development, war, religion and culture – that have driven these changes	African Kingdom. Families and relationships. The Black Death. Tudor Society.	Case Study: Anne Lister. Life in Industrial Britain.
<b>Power</b> The development of political power from the Middle Ages to the twentieth century, including changes in the relationship between rulers and the ruled over time, the changing relationship between the crown and parliament, and the development of democracy.	Nature of power – Significance of the Magna Carta. The development of Parliament. The Peasants' Revolt. Causes of the English Civil War	Causes of the French Revolution Power to the Power: Peterloo, Chartists, Matchstick girls, Votes for women.

## What skills will you develop?

You will hone your *detective skills* as you weigh up historical evidence, your *questioning skills* as you investigate sources and artefacts from the past and your *literacy skills* as you learn to construct rigorous historical arguments.



# Music

Music is taught through three areas of study at Northgate. These are listening, composing and performing. Our aim is to make music and to support students to become more musical when performing in an ensemble, improvising or composing. Key stage 3 projects include types of world music such as African Drumming and Calypso, a variety of popular music styles, such as Reggae, Britpop and Rock n Roll, and projects based on advert and film music using music technology to name a few. There is a strong emphasis placed on the elements of music and creativity, and many of the projects are approached through practical music making in small groups. This group work encourages students to demonstrate the Northgate values such as determination and teamwork.

## Extra-curricular activities

Our Extra-curricular offer is reviewed each year and often changes depending on demand. Our groups include:

- Orchestra
- Jazz Band
- Choir(s) / Vocal Groups
- Theory Club
- Percussion club
- String Ensemble

Rehearsals take place at lunch time or after school and finish at 4.00pm.

## Instrumental lessons

Instrumental lessons for most orchestral instruments, guitar, drum kit and piano are available. A form to request tuition on orchestral instruments has been sent alongside this booklet. The completed forms should be returned to Miss Tournay-Godfrey as soon as possible. Queries regarding payment should be directed to the Finance Officer.

## Concerts

A number of regular concerts are organised both inside and outside of school, such as the annual Carol Service at St Margaret's Church and the Northgate Summer Concert. The department also runs a Young Musician of the Year Competition for soloists in October and November, which is open to students of all levels.

The School Show is staged at DanceEast and offers opportunities to be involved in performing and non-performing roles ranging from helping backstage, to technical and musical roles such as assisting with sound and performing in the band.



# Physical Education

## Aims of Physical Education

PE offers opportunities for students to:

- enjoy participating in physical activities
- explore a variety of activities and create a personalised pathway
- acquire the skills needed to perform competently in a range of activities
- learn how to select and apply skills, tactics and compositional ideas to suit activities that need different approaches and ways of thinking
- develop key interpersonal skills of leadership, cooperation, communication and sportsmanship
- develop capability to solve and overcome problems as an individual and / or as part of a team
- respond to a variety of challenges in a range of physical contexts and environments
- develop an inquisitive and philosophical approach through PE and sport
- develop positive attitudes towards lifelong participation in physical activity.

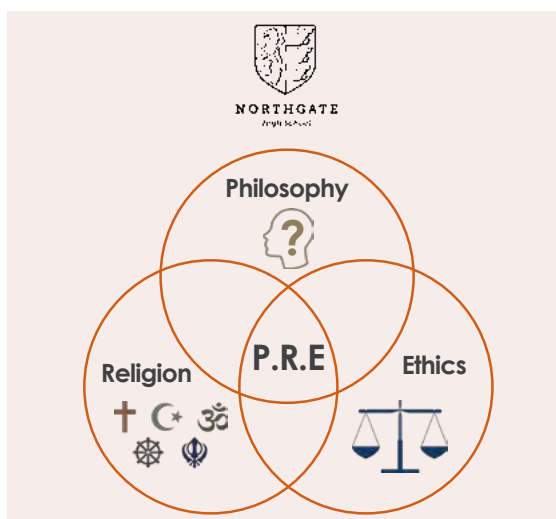
## Curriculum Content

In Year 7 students take part in two lessons per week. Students will be taught in mixed or single gender groups.

The curriculum offers a variety of activities which help to develop competence, performance, creativity and healthy active lifestyles. All students will be taught the fundamentals of invasive, net and wall, athletic and aesthetic activities within a broad and varied curriculum through a range of activities.



# Philosophy, Religion and Ethics



At Northgate we are following the locally agreed syllabus 'Where do I stand?'. The aim of our subject is to develop the ability to hold balanced and well-informed debate about religion and belief. Studying P.R.E at Northgate will give students a real insight into global society with its vast range of worldviews influencing local, national and international affairs.

Students will have one lesson of P.R.E each week. During the course of their studies, students will focus on three 'Big questions' each year. Within each Big question there will be three lines of enquiry, some of which will allow students to explore P.S.H.E. topics.

## Year seven students will investigate the following 'Big Questions'

What is Philosophy, Religion and Ethics – an introduction to studying P.R.E at Northgate.		
Big Questions	Enquiries	Concepts
<b>Does belief have to be accompanied by action?</b>	How do we study religions at Northgate?	Philosophy/Religion/Ethics/ Sociology/monotheism/ agnostic/polytheism
	What is the significance of promises within the Jewish religion?	Covenant/Mitzvot/Tanakh/ atonement/Kosher
<b>How do we decide what is right and wrong?</b>	To what extent does Jesus impact on the lives of Christians today?	Parable/forgiveness/ Historical figure/messiah
	How do non-religious people make moral decisions?	Utilitarianism Harm Compassion and empathy
<b>Do we have a duty to look after the world?</b>	How should Christians respond to environmental issues?	Dominion and stewardship
	How does the Islamic teaching 'Khalifa' effect the treatment of the environment?	Khaifa and Tawhid

Students will be assessed each term through regular knowledge check points, class work and extended writing.

