

EDUCATING • EXPLORING • EXCELLING



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COMPUTER SCIENCE AT DISNEYLAND® PARIS

Information Pack

For GCSE, SQA (Nationals)
and BTEC First Students

2024/2025



Computer Science

FOR GCSE, SQA (NATIONALS) AND BTEC FIRST STUDENTS



The ICT and Computing Study Experience is a residential education programme based at Disneyland® Paris, a world-class entertainment and leisure destination. The Resort is part of the massive Disney empire and leads the way in combining technology with live entertainment.

This Study Experience provides you with everything you need to undertake a truly curriculum-led trip to Disneyland® Paris and is designed to meet clearly defined learning objectives.

It includes one ICT and Computing Seminar, an interactive Workshop and a number of specialist assignments. We also include entry to the Resort's two theme parks, Disneyland® Park and Walt Disney Studios® Park, allowing your students the opportunity to have fun and experience, at first-hand, the application of their subject in real-life environments.

Meeting exam board specifications

All content is mapped against the major English, Scottish, Welsh and Northern Ireland examination specifications.

For 14- to 16-year-old students of:

Examination Specifications						
AQA	Pearson EDEXCEL	OCR	SQA	WJEC	CCEA	Pearson BTEC
✓	✓	✓	✓	✓	✓	✓

This Study Experiences event is also suitable for other related courses such as Cambridge Nationals.

Computer Science Learning Objectives

Study Experiences covers key material from the most popular Computer Science examination specifications. Our aim is to bring classroom teaching alive through an exploration of the related working practices at Disneyland® Paris. Each topic is reflected in the Seminars, Workshop or Student Assignments. No other educational travel specialist has the knowledge or backstage access to provide this vital learning dimension.

Key Topics

COMPUTER BASICS

- Computer systems: hardware and software
- Computer networks within a company
- Computer techniques to improve organisation
- Creating a spread sheet to solve problems

DIGITAL DESIGN

- Developing digital information for a specific audience
- 2D and 3D signage
- Technological integration
- Computer projection

COMPUTATIONAL THINKING

- Creative problem solving
- Databases
- Algorithms and pseudo codes
- Evaluating products

COMMUNICATIONS

- Social media
- E-commerce
- Internet security: malware and encryption
- Communicating with others

Please note that topic areas may be amended to reflect specification changes and developments at Disneyland® Paris.

Educational Content



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The Computer Science Study Experience immerses students in the practical applications of ICT and Computing at this world-famous theme park resort in a number of different and engaging ways:

- Through attending a Seminar hosted by facilitators with experience of working with Disneyland® Paris and featuring back-stage video interviews and footage filmed exclusively for Study Experiences
- By taking part in our interactive Workshop which encourages the students to use their knowledge of ICT and Computing principles and practices
- Completing subject-specific Assignments during their time at Disneyland® Paris or back at school/college.

Seminar: Computer Science and Theme Park Design

1. Roller Coaster Design

- 1.1. Design development
- 1.2. Roller coaster software
- 1.3. Ride operations
- 1.4. Proximity and parking sensors

2. Digital Design for Entertainment

- 2.1. Technological integration
- 2.2. Computer projection
- 2.3. Projection mapping
- 2.4. Theme park graphics

3. Communications

- 3.1. Networks
- 3.2. Social media
- 3.3. Augmented reality
- 3.4. Web site design- www.disneylandparis.com

This Seminar includes video interviews with Walt Disney Company/Disneyland Paris personnel including:

Imagineers Tom Fitzgerald and Roger Gould
Julia Gregory, Imagineer
Tel Nelson, Digital Lead, Creative and Production
Rachel Reilly, PR Executive
David Thresh, Social Media Manager
together with subject specialist Tara Hegarty, Second in Maths, Norwich City Academy and Dronisos technicians (drone specialists)

Workshop: Roller Coaster Design

The Workshop gives students the opportunity to put some of what they have experienced in the Seminar and during their time in the Resort into practice. Divided into teams of 8 and guided by our experienced facilitators, their task is to plan a new roller coaster for Disneyland® Paris showing where computer science could be used in design, operation and maintenance.

At the end of the workshop the teams will give a 3-minute presentation of their design to the facilitators, teachers and the rest of the audience. They will need to be prepared to answer questions and receive feedback.

Educational outcomes

- Establish user requirements
- Creativity and imagination
- Use of computers in design, maintenance and operations
- Respect for the Disney brand
- Working as a team, communicating and meeting the deadline

Assignments

Study Experiences' assignments are closely linked to the Seminar, Workshop and the student's experiences at Disneyland® Paris. Designed to be completed whilst in the Resort, on the journey home, or back at school and college, they are directly linked to their studies and a selection are based on past exam papers, with a Disney twist. Topics include:

- Data structure and ride development
- Ride operations and control systems
- The future of theme park technology
- Communications and the guest experience
- Information systems and applications
- Software development
- AI and the move industry
- IT and acronyms



Study Experiences Key Benefits

Subject Specific Seminars

Groups will attend a one hour multimedia seminar, delivered to an audience of students and teachers from all over the UK.

Led by one of our team of experienced facilitators, with considerable experience of the Resort and its working methods, students will explore how Disneyland Paris uses many key examination topics to carry out its planning and day to day activities.

Our facilitators will engage your students in thinking about how their subject is seen in action in the Resort.

We strongly recommend that each student is issued with a copy of the Student Workbook that contains space for guided note taking and background information for the workshop.

Interactive Workshop

For the workshop, students will initially be divided into groups of 30-40, then split into smaller teams of 8 and encouraged to participate in a fun, interactive learning experience with our professional facilitator.

They will be treated as though they are Disney professionals and the facilitator will guide and inspire them to work as a team, meet a realistic deadline and communicate their ideas persuasively – as well as testing some core subject skills.

It is highly recommended that group leaders play an active part in the workshops by encouraging their students in their work and assisting the facilitator in providing feedback.



Educational Support

Group leaders will receive a copy of the Teacher Education Guide with practical advice for the visit, an introduction to the Study Experience learning objectives and details of the interactive workshop.

In addition, the Assignments Worksheet (some of which are directly based on past examinations, adapted to your students experiences in the resort) will help you develop your students' subject knowledge further.

There is also an education email "hotline" for group leaders to use should they have any queries on the content of the Seminars, Workshop or Assignments.

Based on teacher requests, we also provide an Activities Booklet, giving word searches, crosswords and quizzes that can be used on the journey, or in the evenings.

"It was a fantastic trip! The students loved it. It was well organised and were happy to answer any questions I had prior to the trip. We will definitely go again next year!"

Southam College



Your Itinerary Choices

Study Experiences offer a choice of Three or Four Day Packages, with accommodation options to suit your requirements and budget.



Seminar & Activity Timings

The seminar and activity will take place during the course of your stay at the Resort. The timings of these will be available approximately four weeks prior to the event.



Three Day Tour by Coach

Day One

Your coach will collect you from your school or college early in the morning for the journey to the Channel port and your crossing to Calais. Once in France, the journey from Calais to Disneyland® Paris takes approximately five hours.

On arrival at Disneyland® Paris, you will be met by the Study Experiences resort team, who will assist you with check-in at your Disney® hotel.

The resort team will also be on hand to answer any questions you may have throughout your stay. For dinner we recommend that you pre-book a meal with us at your chosen hotel.

Day Two

After breakfast, your students will enjoy unlimited access to both Disneyland® Park and Walt Disney Studios® Park, with their One-Day Hopper Ticket. To round off your day, we recommend that you pre-book a meal voucher that can be used at lots of the over-the-counter-service outlets in the Disneyland Parks and Village.

Day Three

During the morning, you will reboard your coach and begin the journey back to Calais for your return Channel crossing, arriving at your establishment during the evening.

Four Day Tour by Coach

We offer the opportunity for you to stay an extra night at Disneyland® Paris, with a choice of further full day in the Disney® Parks or a visit to Paris.

If you choose to visit Paris, which will be on either the second or third day of your tour, your coach driver will provide a short tour of the main sights prior to dropping you off at a suitable central location. You will then have free time for sightseeing.

Many groups choose to book a Bateaux Mouches Seine River Cruise or visit the observation deck at Tour Montparnasse 56, providing fabulous views of Paris. See page 11 for more details.

The Four Day Tour is an excellent option for all groups. We particularly recommend it for groups travelling from the west and north of England, Wales, Scotland and Northern Ireland.



Eurostar Travel Option

We are able to offer both the three and four day tours with return Eurostar travel from London St Pancras, International Station to Disneyland® Paris. The Eurostar high-speed rail service brings you to the centre of Disneyland® Paris from London in just over two and a half hours.

As the Eurostar service arrives during the early afternoon and departs in the evening, we offer the option to pre-book additional days' entry to the Disney® Parks. Please note that you will need to make your own travel arrangements to St Pancras station.

Flight Travel Option

We are also able to offer both the three and four day tours with flights to Paris from your choice of Belfast, Birmingham, Bristol, Edinburgh, Glasgow, Leeds Bradford, Liverpool, London Luton, London Gatwick, Manchester and Newcastle airports.

In France, we will then provide return coach transfers between the airport and Disneyland® Paris, however please note that you will need to make your own travel arrangements to and from your chosen UK departure airport.

On confirmation of your flight times, should timings permit, we will offer the opportunity to purchase additional days' entry to the Disney® Parks.



Your Group Size

Our three and four day tours are available for groups of any size. For schools and colleges travelling by coach, if you have a group size of between 44 and 49 passengers, then we will provide you with exclusive use of your own 48 or 49-seat coach (contact us for details of what we can provide for groups of more than 49 passengers). We can tailor your itinerary to suit your plans, for example arranging specific visits in Paris or an extra day's admission to the Disney® Parks.

Groups of fewer than 40 students will be allocated a shared coach with another school or college for the journeys to and from Disneyland® Paris to ensure that you do not have any coach under-occupancy costs to pay. Some group leaders choose to combine with other departments to bring their student numbers up to 40 and therefore enjoy the added benefits and comforts of having exclusive use of their own coach.

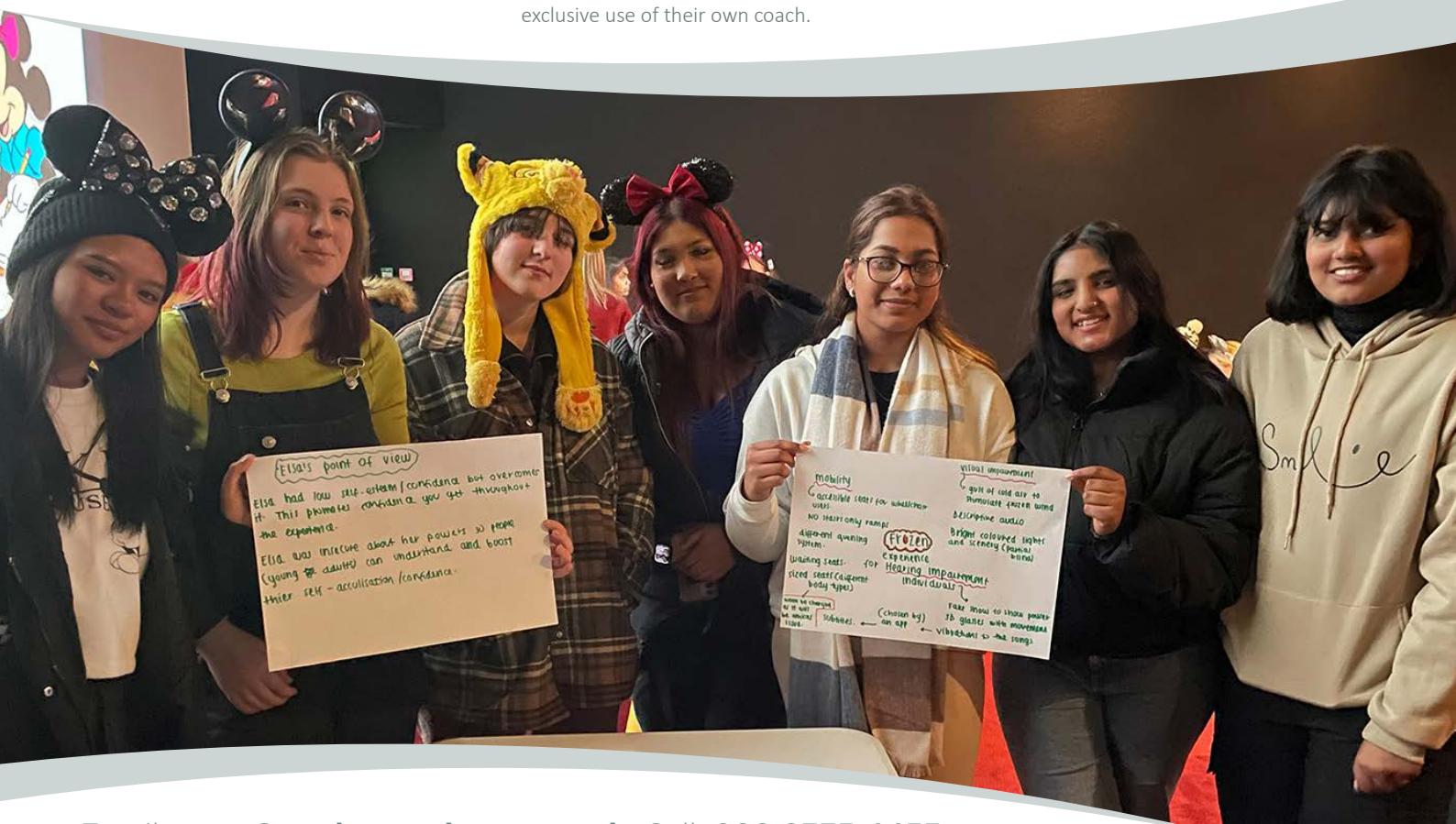
Study Experiences also hosts education programmes for Mathematics, Science, Computer Science and Computer Studies, Media Studies, Performing Arts, Design & Technology, Health & Social Care, & STEM.

Study Experiences' Safety Management System

At Study Experiences, the safety and wellbeing of you and your students is our absolute priority. We operate a detailed Safety Management System, with all suppliers chosen for the quality of their services, compliance with our safety management standards and experience in working with school and college students.

Study Experiences is an Assured Member of The School Travel Forum, a group of leading school tour operators that promote good practice and safety in school travel.

Study Experiences has been awarded the Learning Outside the Classroom Quality Badge, a recognisable and trusted Quality Badge for all types of Learning Outside the Classroom providers.



2025 Study Experiences

DATES & PRICES



3 DAY 2 NIGHT AT B&B HOTEL

Departure Date	Price from
Monday 13th January 2025	£379
Monday 20th January 2025	£379
Monday 27th January 2025	£379
Wednesday 5th February 2025	£379
Monday 10th February 2025	£419
Monday 17th February 2025	£429
Monday 17th November 2025	£399

4 DAY 3 NIGHT AT B&B HOTEL

Departure Date	Price from
Sunday 12th January 2025	£499
Sunday 19th January 2025	£499
Sunday 26th January 2025	£499
Tuesday 4th February 2025	£499
Sunday 9th February 2025	£559
Sunday 16th February 2025	£569
Sunday 16th November 2025	£499

Prices shown are based on a minimum of 20 paying passengers staying at Hotel B&B and are valid for all bookings made by 30th October 2024.



How To Book

Secure your places on the Study Experience with a provisional booking by calling us on 020 8335 4455. Places are only secured upon receipt of your initial deposit payment.

To confirm your students places on the Study Experience, please complete and return the Booking Form with a deposit of £50 per student if travelling by coach. Your Tour Consultant will advise deposit amount if booking Eurostar or flight travel.



Free Group Leader Places

We provide one free Group Leader place for every ten students that you book. Group leaders are accommodated on the basis of two sharing a room.

For all group leaders accommodated in single rooms a supplement of £180 for the Three Day Study Experience and £200 for the Four Day Study Experience will apply.

If you wish to bring more than one group leader for every ten students, the cost of each additional group leader corresponds to the student price.



Prices

Prices shown are valid for all bookings received by 30th October 2024.

Three Day Study Experience includes:

- Return coach travel and Channel crossings from your establishment to Disneyland® Paris OR Return Eurostar travel from London to Disneyland® Paris OR Return flights to Paris and return coach transfers between the airport and Disneyland® Paris
- Two nights' hotel accommodation
- Continental breakfasts
- One day Hopper Ticket to Disneyland® Park and Walt Disney Studios® Park
- One curriculum-led Seminar, hosted by Study Experiences facilitator
- Interactive activity
- Teacher Education Guide
- Student Worksheets, with subject-specific assignments
- The services of the Study Experiences resort and education teams
- One free group leader place for every ten students
- Fully comprehensive travel insurance
- Government taxes and service charges

Four Day Study Experience includes:

- One extra night's accommodation
- Continental breakfast
- Visit to Paris OR second day's admission to both Disneyland® Park and Walt Disney Studios® Park

Disneyland® PARIS



In a magical kingdom not so far away, classic Disney heroes and heroines live once upon a time in fairytales that are, happily, never ending.

The story begins in the good ol' days of the early 1900s in Main Street, U.S.A.® Then, turn the page and saddle up for some serious fun in Frontierland—yee ha! Set sail for an Adventureland of swashbuckling thrills. Take flight into Fantasyland where Disney Princes and Princesses are real. Chart a course into the past and live extraordinary visions of the future in Discoveryland. And finish your day with the spellbinding night-time spectacular, Disney Illuminations. Welcome to the storybook world of Disneyland® Park. Where enchantment lives.



Disney Stars on Parade

Disneyland® Park

The streets of Main Street, U.S.A.® sparkle with this unmissable delight running daily in Disneyland® Park. With eight spellbinding universes, every element of an enchanting Disney story is on show, from a fire-breathing dragon, to Peter Pan duelling Captain Hook, and Lion King and Jungle Book celebrations.

Unforeseen circumstances (like adverse weather conditions or important maintenance work) may result in parade cancellation without prior notice.

Disney Illuminations

Disneyland® Park

Gaze spellbound at Sleeping Beauty Castle as Mickey leads a dazzling display of fireworks, lasers, and huge projections. Disney stories classic and new are brought to life before your eyes, with tales from *Frozen*, *Beauty and the Beast*, *The Lion King*, *Star Wars*, and more. The perfect end to a perfect day at Disneyland® Park.

Star Tours: the Adventures Continue

Disneyland® Park

Board a Starspeeder 1000 for a thrilling 3D voyage to far-flung star systems and war-torn worlds. State-of-the-art technology and over 60 mission combinations ensure a unique experience each time, and there's even a scene inspired by *Star Wars: The Last Jedi*.

Star Wars™ Hyperspace Mountain

Disneyland® Park

Blast off and do battle with the evil Empire in this epic takeover of a classic Disney attraction. Your mission: pilot a reconnaissance vessel and spy on an Imperial Star Destroyer. But it's a trap! It's down to you and your X-wing escort to fight deadly TIE fighters and blow up a menacing Star Destroyer. Will the Force be strong with you?

Pirates of the Caribbean

Disneyland® Park

Musket fire and explosions fill the air as you follow Captain Jack Sparrow through Nelson's Folly and marauding pirates, on his clumsy quest to unearth hidden treasure. But watch out for the vengeful Captain Barbossa, and his terrifying moonlit transformation... It's a pirate's life with added aaaaarrghh, me hearties!

Lights, camera, and a whole lot of family action



Welcome to Walt Disney Studios® Park... where it's lights, camera, 360° magic everywhere! In this never-ending, always-fascinating world of movies, animation and television, there's just one single focus: entertainment.

Laugh, clap and marvel at a tribute to the best of Tinsel Town. See little faces light up as they interact with the blue dude himself in Stitch Live. Shrink down to the size of a rat in the spectacular 4D Ratatouille: The Adventure*.

Drop faster than the speed of gravity in the Twilight Zone Tower of Terror™**, and dive into waves of fun on a spinning turtle shell in Crush's Coaster†.

You just had a starring role in non-stop action attractions. Walt Disney Studios® Park. Appearing exclusively at Disneyland® Paris.

*Inspired by Disney and Pixar's Ratatouille.

**Inspired by The Twilight Zone®, a registered trademark of CBS, Inc. All rights reserved.

†Inspired by Disney and Pixar's Finding Nemo.

Ratatouille: The Adventure

Walt Disney Studios® Park

Shrink down to the size of Rémy and duck, dive, dodge and scurry to safety in this dazzling 4D chase across a gigantic kitchen. Rémy and friends have cooked up a delicious storm, but it's not long before they and you! are discovered by Chef Skinner...

A Disneylicious adventure that's sure to leave you hungry for more!



Cars Quatre roues Rallye (Cars Race Rally)

Walt Disney Studios® Park

Take a crazy spin with Lightning McQueen and friends on the new piston-pumping *Cars* Quatre roues Rallye, inspired by Disney•Pixar's *Cars*. After discovering the hotshot racing driver in you, take pole position and leave the others for dust.

There's vrrrrroom for all the family.

Crush's Coaster

Walt Disney Studios® Park

Hang loose with Nemo, Squirt and friends on the new rip-roaring ride, Crush's Coaster, inspired by Disney and Pixar's *Finding Nemo*. Plunge into a whirlpool of underwater adventures, and 'sea' life a little differently!

Height restrictions apply.

The Twilight Zone Tower of Terror™

Walt Disney Studios® Park

Brave the creepy faded glamour of the Hollywood Tower Hotel for a jolt back in time. Shoot up 13 floors on a phantom elevator and brace yourself to plummet... but beware! The experience just got scarier. How many times will you rocket up and hurtle down? Now the Tower is in control.

Drop in if you dare!

*Inspired by The Twilight Zone®, a registered trademark of CBS, Inc. All rights reserved. Height restrictions apply.

Meal Deals

Study Experiences offers the opportunity to pre-book a meal at your hotel or purchase Disney meal vouchers for use in the Parks and Village. See page 11 for more information.

Your Choice of Hotel Accommodation

We have a range of accommodation choices. Our lead-in prices are based on groups staying in the **B&B Hotel**. This hotel is close to the park, just a 5-minute drive away from the Disney® Parks on your coach or shuttle bus. The modern spacious bedrooms benefit from air-conditioning, free Wi-Fi and can sleep up to 4 students. Group leaders are accommodated on the basis of two sharing a room. The hotel operates a free shuttle service to/from the Disney® Parks which can be used by all groups. Our other hotel options on the shuttle bus route available at a supplement include the Explorers Hotel, Grand Magic, Dream Castle, Campanile and Staycity Hotels.

Study Experiences' Seminar & Workshop Venue

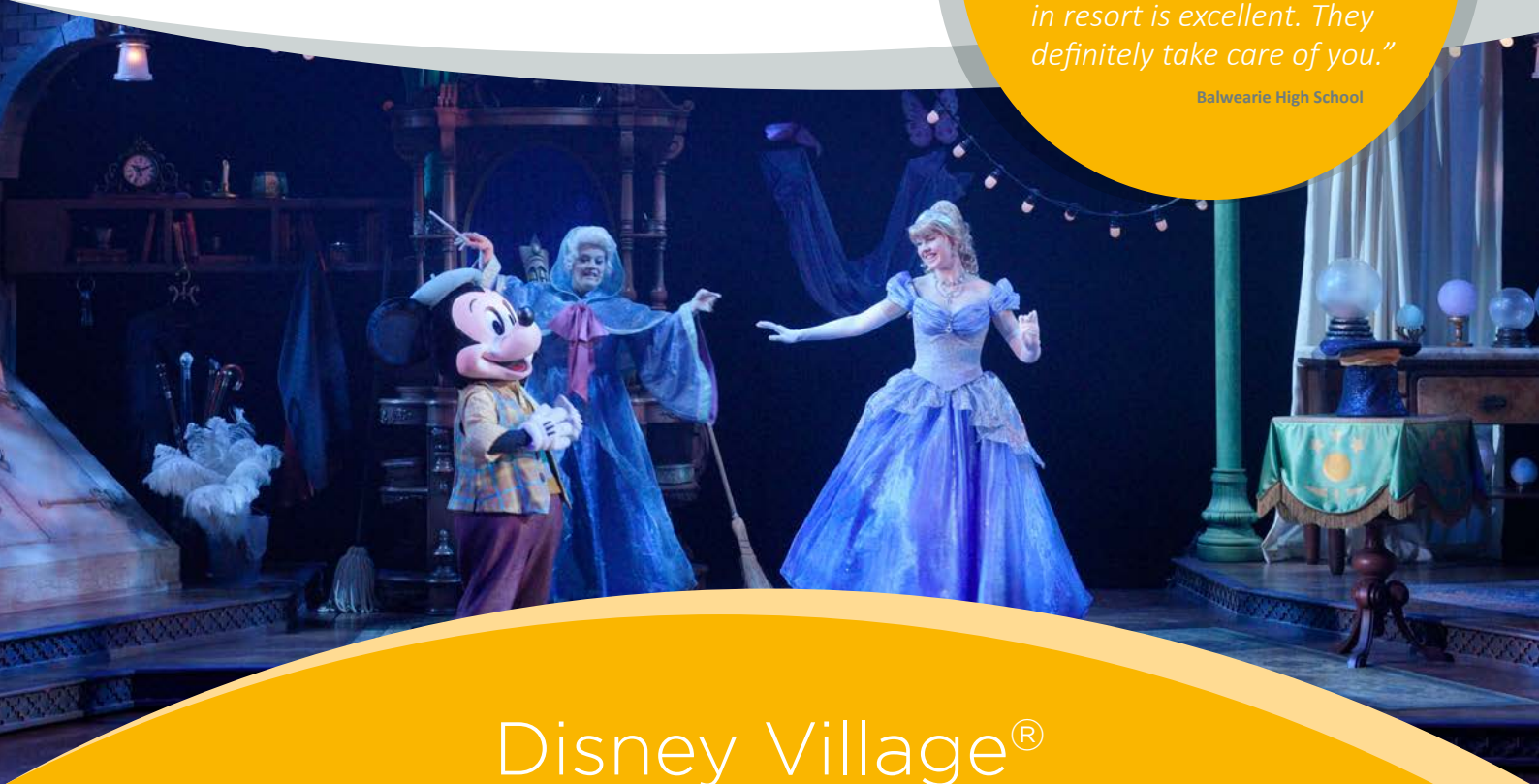
The Gaumont multi-screen cinema, where your seminar and workshop are held, is situated at the entrance to Disney Village®, just a few minutes walk from Disneyland® Park and Walt Disney Studios® Park.

The on-site hotel option is **Disney's Hotel Cheyenne**. This is available for a supplement: 3-day supplement from £40 per student & 4-day supplement from £50 per student. Like a scene from a Wild West movie, the 14 frontier style buildings of Disney's Hotel Cheyenne are grouped around a main street of covered porches and wooden walkways. The Western styling runs right through to the bedrooms, which have one double bed and two single beds, bathroom, TV and telephone. Students are accommodated on the basis of three sharing a room at Disney's Hotel Cheyenne.

Study Experiences does NOT charge any supplements for under-occupied student rooms where this is due to your breakdown of male or female students not fitting exactly into rooms of three at Disney's Hotel Cheyenne. Breakfast is included in the price of the Study Experience. We offer the opportunity to book an evening meal at the Cheyenne's Chuck Wagon Cafe.

"The team at Study Experiences cannot do enough to ensure a good trip. Every interaction from initial booking to working with staff in resort is excellent. They definitely take care of you."

Balwearie High School



Disney Village®

Set between Disneyland® Park and Walt Disney Studios® Park, Disney Village® is the hub of entertainment at Disneyland® Paris. Themed bars, restaurants, a cinema and more, add to the fun. The vast Disney Store and other themed outlets are open during the day for Disney souvenirs and merchandise.

Optional Meals, Activities and Travel Arrangements

To ensure that you and your students are able to plan all your arrangements in advance and budget for your time away, Study Experiences offers a range of pre-bookable optional meals, activities and excursions.

At Disneyland® Paris, we can arrange meals, extra day Disney® Park tickets,. Should you choose to book the Four Day Study Experience and visit Paris, we can also arrange the excursions detailed below, which you can pre-book.

Disneyland® Paris Meal Voucher £19.00 per person per meal	Dinner at your hotel
<p>The Disney Meal Voucher can be used at various different counter service restaurants in the Disney Parks and Village.</p>	<p>We can organise an evening meal at your specific hotel. Please contact our team for price and menu details.</p>
Earl of Sandwich Meal Deal £16.00 per person per meal	Dinner at The Royal Pub £24.00 per person per meal
<p>The Earl of Sandwich offers great value hot sandwiches. Study Experiences' exclusive meal deal includes a choice of sandwich (choose from Best BLT; Cannon Balls; Frenchy; Ham; Ultimate Grilled Cheese) or House Salad + Crisps + soda + cookie/brownie/piece of fruit. Highly recommended. (This must be pre-ordered)</p>	<p>Available every day. Good-value set menu consisting of main course + ice-cream + soda. The Royal Pub is located in Disney Village®. We will confirm your meal reservation time prior to travel.</p>

Three Day Tour - Second Day in the Disney® Parks From £48.00 per person	Four Day Tour - Third Day in the Disney® Parks From £48.00 per person
<p>Available for groups who book the 3-day tour, if either based south east of Birmingham with exclusive use of their own coach or travelling by Eurostar. We may be able to offer this option for groups on 3-day flight-inclusive tour once flight timings are confirmed. Please note: Groups travelling by coach will need to leave the Disney resort at approx 13:00 due to return travel distance.</p>	<p>Available for groups who book the 4-day tour, if either based south east of Birmingham with exclusive use of their own coach or travelling by Eurostar. We may be able to offer this option for groups on 4-day flight-inclusive tour once flight timings are confirmed. Please note: Groups travelling by coach will need to leave the Disney resort at approx 13:00 due to return travel distance.</p>
Bateaux Mouches Seine River Cruise £9.50 per person	The Paris Observation Deck at Montparnasse 56 £10.50 per person
<p>Available to all groups choosing to visit Paris on the 4-day Study Experience. Enjoy the very best views from the River Seine. Lasting for an hour and ten minutes, with English-language commentary, this is a popular way to experience some of the City of Light's prestigious monuments and grand buildings from a unique vantage point.</p>	<p>Available to all groups choosing to visit Paris on the 4-day Study Experience. Take in the very best view of the Eiffel Tower and everything else Paris has to offer on the amazing 56th floor of the Montparnasse Tower. Fully interactive visit.</p>

Exclusive use of your Coach for groups of less than 40 students	Three & Four Day Tour by Coach Channel Crossing Arrangements
<p>We appreciate that some schools and colleges may wish to have exclusive use of their coach, however are unable to organise a group of 40 or more students. We are able to provide these smaller groups with exclusive use of their own coach for a supplement related to their group size. Please contact our team for your personalised quotation.</p>	<p>Your Channel crossing will either be by ferry from Dover to Calais, or by Eurotunnel from Folkestone to Calais, at our discretion. We will advise you of your method of crossing with your Travel Documentation. Should you wish, you can request your choice of Eurotunnel or Ferry crossings (subject to availability and potential supplement) for groups of over 40 students and for smaller groups paying for exclusive use of their own coach.</p>

EDUCATING • EXPLORING • EXCELLING

WHY CHOOSE STUDY EXPERIENCES?

- Guaranteed exceptional customer service from an experienced team who will help plan every detail of your trip and support you every step of the way
- Customer Service Excellence accreditation

EXPERT KNOWLEDGE

- A team with expert knowledge in providing exclusive access to experts in their professions to support the delivery of your learning objectives

EXTRA SUPPORT ON TOUR

- Resort support team at all events
- 24 hour emergency support

YOU, YOUR STUDENTS AND YOUR MONEY ARE SAFE WITH US

- ABTA members
- ABTOT bonded
- ATOL protection
- School Travel Forum
- Learning Outside the Classroom quality badge



Contact a Tours Specialist Today

Call: **020 8335 445**

Email: **team@studyexperiences.co.uk**

Visit: **www.studyexperiences.co.uk**

Keep in touch:  **@StudyExps**

Study Experiences, Fund House, 1st Floor, 5 Anne Boleyn's Walk, Cheam, Surrey SM3 8DY

