

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 1)

1. AIM

- To provide young learners with the basic literacy, numeracy, and digital literacy skills to succeed in future learning endeavours
- To encourage a thirst for knowledge and an attitude of lifelong learning in young students

2. TARGET AUDIENCE

Foreign students of Primary 1 school age who wish to lay a useful foundation for later academic pursuits, notably the pathway offered by Cambridge International Examinations.

3. COURSE STRUCTURE

3.1 Duration and Contact Hours

The course will be offered over a period of one year (52 weeks), inclusive of school holidays and public holidays.

Face-to-face teaching will be conducted on five days a week for 38 weeks, with contact hours 6 hours a day.

3.2 Subjects

The following subjects will be offered:

No	Subject
1	English
	English as a Second Language
2	Mathematics
3	Science
4	ICT
5	Global Perspectives

All subjects are compulsory. Students may take **EITHER** English **OR** English as a Second Language, depending on their facility with the language.

4. COURSE OBJECTIVES AND OUTLINES

The course outline will follow the Cambridge syllabus, as described in Appendix A.

5. RESOURCES

Resources will include the following:

- print textbooks for the Cambridge Primary syllabus,
- supporting electronic resources such as e-books;
- multimedia resources

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 1)

6. COURSE FEES

The course fees are currently set at \$25,000 per year.

7. CONCLUSION

The Preparatory Course for Cambridge Primary (Year 1) will allow young learners to grasp the foundations of learning as well as equip them with the necessary skills to successfully and confidently negotiate their future academic endeavours.

8. APPENDIX – See next page

APPENDIX A -- COURSE OBJECTIVES AND OUTLINES

1) **English**

The aims are to:

- Cultivate the ability to communicate confidently, efficiently and effectively
- Develop critical literacy skills and equip students with the ability to understand a wide range of information, media, and text
- Encourage students to enjoy engaging with the English language

Topics:

Phonics, Spelling and Vocabulary

Grammar and Punctuation

Reading

Writing

Speaking and Listening

2) **Mathematics**

The aims are to enable students to:

- Develop basic numeracy skills
- Cultivate problem-solving skills and strategies through understanding of basic logic and patterns

Topics:

Number

- Numbers and the number system
- Calculation – Mental strategies, Addition and subtraction, Multiplication and division

Geometry

- Shapes and geometric reasoning
- Position and movement

Measure

- Money
- Length, mass and capacity
- Time
- Area and perimeter

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 1)

Handling data

- Organising, categorising and representing data
- Probability

Problem solving

- Using techniques and skills in solving mathematical problems
- Using understanding and strategies in solving problems

3) Science

The aims are to enable students to:

- Develop a scientific and logical mindset
- Cultivate an interest in the world around us, as well as understand how it functions

Topics:

Scientific Enquiry

- Ideas and evidence
- Planning investigative work
- Obtaining and presenting evidence
- Considering evidence and approach

Biology

- Plants
- Living Things in Their Environment
- Humans and Animals

Chemistry

- Material properties
- Material changes
- States of matter

Physics

- Forces
- Light and dark
- Electricity and magnetism

4) ICT

The aims are to enable students to:

- Be digitally literate
- Be able to use technology to supplement their own learning needs and inquiries
- Be able to use ICT to communicate confidently and respectfully

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 1)

Topics:

The Primary (Year 1) syllabus for ICT will follow the Initial Steps programme as laid out in the Cambridge syllabus, which are as follows:

Stage One

- Starting with Text
- Starting Images
- Starting Graphs

5) Global Perspectives

The aims are to enable students to:

- Learn how to apply classroom subjects to the real world
- Gain a greater knowledge of the world around them
- Create awareness of how they are part of society as a whole

Topics covered by the Global Perspective syllabus include:

- Keeping healthy
- Keeping the peace
- Rich and poor
- Obeying the law
- Values and beliefs
- Water, food and farming
- Working with other countries
- Keeping safe
- Moving to a new country
- People – young and old
- The world of work
- The right to learn
- Using energy
- Worldwide companies
- Moving goods and companies
- Improving communication
- Understanding belief
- Reduce, reuse, recycle
- Looking after planet Earth
- Sport and leisure
- Families
- Living and working together
- Sharing planet Earth
- Computers and technology

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 2)

1. AIM

- To provide young learners with the basic literacy, numeracy, and digital literacy skills to succeed in future learning endeavours
- To encourage a thirst for knowledge and an attitude of lifelong learning in young students

2. TARGET AUDIENCE

Foreign students of Primary 2 school age who wish to lay a useful foundation for later academic pursuits, notably the pathway offered by Cambridge International Examinations.

3. COURSE STRUCTURE

3.1 Duration and Contact Hours

The course will be offered over a period of one year (52 weeks), inclusive of school holidays and public holidays.

Face-to-face teaching will be conducted on five days a week for 38 weeks, with contact hours 6 hours a day.

3.2 Subjects

The following subjects will be offered:

No	Subject
1	English
	English as a Second Language
2	Mathematics
3	Science
4	ICT
5	Global Perspectives

All subjects are compulsory. Students may take **EITHER** English **OR** English as a Second Language, depending on their facility with the language.

4. COURSE OBJECTIVES AND OUTLINES

The course outline will follow the Cambridge syllabus, as described in Appendix A.

5. RESOURCES

Resources will include the following:

- print textbooks for the Cambridge Primary syllabus,
- supporting electronic resources such as e-books;
- multimedia resources

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 2)

6. COURSE FEES

The course fees are currently set at \$25,000 per year.

7. CONCLUSION

The Preparatory Course for Cambridge Primary (Year 2) will allow young learners to grasp the foundations of learning as well as equip them with the necessary skills to successfully and confidently negotiate their future academic endeavours.

8. APPENDIX – See next page

APPENDIX A -- COURSE OBJECTIVES AND OUTLINES

1) English

The aims are to:

- Cultivate the ability to communicate confidently, efficiently and effectively
- Develop critical literacy skills and equip students with the ability to understand a wide range of information, media, and text
- Encourage students to enjoy engaging with the English language

Topics:

Phonics, Spelling and Vocabulary

Grammar and Punctuation

Reading

Writing

Speaking and Listening

2) Mathematics

The aims are to enable students to:

- Develop basic numeracy skills
- Cultivate problem-solving skills and strategies through understanding of basic logic and patterns

Topics:

Number

- Numbers and the number system
- Calculation – Mental strategies, Addition and subtraction, Multiplication and division

Geometry

- Shapes and geometric reasoning
- Position and movement

Measure

- Money
- Length, mass and capacity
- Time
- Area and perimeter

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 2)

Handling data

- Organising, categorising and representing data
- Probability

Problem solving

- Using techniques and skills in solving mathematical problems
- Using understanding and strategies in solving problems

3) Science

The aims are to enable students to:

- Develop a scientific and logical mindset
- Cultivate an interest in the world around us, as well as understand how it functions

Topics:

Scientific Enquiry

- Ideas and evidence
- Planning investigative work
- Obtaining and presenting evidence
- Considering evidence and approach

Biology

- Plants
- Living Things in Their Environment
- Humans and Animals

Chemistry

- Material properties
- Material changes
- States of matter

Physics

- Forces
- Light and dark
- Electricity and magnetism

4) ICT

The aims are to enable students to:

- Be digitally literate
- Be able to use technology to supplement their own learning needs and inquiries
- Be able to use ICT to communicate confidently and respectfully

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 2)

Topics:

The Primary (Year 2) syllabus for ICT will follow the Initial Steps programme as laid out in the Cambridge syllabus, which are as follows:

Stage One

- Starting with Text
- Starting Images
- Starting Graphs

Stage Two

- Starting Control
- Starting Searches
- Starting Email

5) Global Perspectives

The aims are to enable students to:

- Learn how to apply classroom subjects to the real world
- Gain a greater knowledge of the world around them
- Create awareness of how they are part of society as a whole

Topics covered by the Global Perspective syllabus include:

- Keeping healthy
- Keeping the peace
- Rich and poor
- Obeying the law
- Values and beliefs
- Water, food and farming
- Working with other countries
- Keeping safe
- Moving to a new country
- People – young and old
- The world of work
- The right to learn
- Using energy
- Worldwide companies
- Moving goods and companies
- Improving communication
- Understanding belief
- Reduce, reuse, recycle
- Looking after planet Earth
- Sport and leisure
- Families
- Living and working together
- Sharing planet Earth
- Computers and technology

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 3)

1. AIM

- To provide young learners with the basic literacy, numeracy, and digital literacy skills to succeed in future learning endeavours
- To encourage a thirst for knowledge and an attitude of lifelong learning in young students

2. TARGET AUDIENCE

Foreign students of Primary 3 school age who wish to lay a useful foundation for later academic pursuits, notably the pathway offered by Cambridge International Examinations.

3. COURSE STRUCTURE

3.1 Duration and Contact Hours

The course will be offered over a period of one year (52 weeks), inclusive of school holidays and public holidays.

Face-to-face teaching will be conducted on five days a week for 38 weeks, with contact hours 6 hours a day.

3.2 Subjects

The following subjects will be offered:

No	Subject
1	English
	English as a Second Language
2	Mathematics
3	Science
4	ICT
5	Global Perspectives

All subjects are compulsory. Students may take **EITHER** English **OR** English as a Second Language, depending on their facility with the language.

4. COURSE OBJECTIVES AND OUTLINES

The course outline will follow the Cambridge syllabus, as described in Appendix A.

5. RESOURCES

Resources will include the following:

- print textbooks for the Cambridge Primary syllabus,
- supporting electronic resources such as e-books;
- multimedia resources

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 3)

6. COURSE FEES

The course fees are currently set at \$25,000 per year.

7. CONCLUSION

The Preparatory Course for Cambridge Primary (Year 3) will allow young learners to grasp the foundations of learning as well as equip them with the necessary skills to successfully and confidently negotiate their future academic endeavours.

8. APPENDIX – See next page

APPENDIX A -- COURSE OBJECTIVES AND OUTLINES

1) English

The aims are to:

- Cultivate the ability to communicate confidently, efficiently and effectively
- Develop critical literacy skills and equip students with the ability to understand a wide range of information, media, and text
- Encourage students to enjoy engaging with the English language

Topics:

Phonics, Spelling and Vocabulary

Grammar and Punctuation

Reading

Writing

Speaking and Listening

2) Mathematics

The aims are to enable students to:

- Develop basic numeracy skills
- Cultivate problem-solving skills and strategies through understanding of basic logic and patterns

Topics:

Number

- Numbers and the number system
- Calculation – Mental strategies, Addition and subtraction, Multiplication and division

Geometry

- Shapes and geometric reasoning
- Position and movement

Measure

- Money
- Length, mass and capacity
- Time
- Area and perimeter

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 3)

Handling data

- Organising, categorising and representing data
- Probability

Problem solving

- Using techniques and skills in solving mathematical problems
- Using understanding and strategies in solving problems

3) Science

The aims are to enable students to:

- Develop a scientific and logical mindset
- Cultivate an interest in the world around us, as well as understand how it functions

Topics:

Scientific Enquiry

- Ideas and evidence
- Planning investigative work
- Obtaining and presenting evidence
- Considering evidence and approach

Biology

- Plants
- Living Things in Their Environment
- Humans and Animals

Chemistry

- Material properties
- Material changes
- States of matter

Physics

- Forces
- Light and dark
- Electricity and magnetism

4) ICT

The aims are to enable students to:

- Be digitally literate
- Be able to use technology to supplement their own learning needs and inquiries
- Be able to use ICT to communicate confidently and respectfully

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 3)

Topics:

The Primary (Year 3) syllabus for ICT will follow the Next Steps programme as laid out in the Cambridge syllabus, which are as follows:

Stage One

- Exploring Documents
- Exploring Images
- Exploring Spreadsheets
- Exploring Databases

5) Global Perspectives

The aims are to enable students to:

- Learn how to apply classroom subjects to the real world
- Gain a greater knowledge of the world around them
- Create awareness of how they are part of society as a whole

Topics covered by the Global Perspective syllabus include:

- Keeping healthy
- Keeping the peace
- Rich and poor
- Obeying the law
- Values and beliefs
- Water, food and farming
- Working with other countries
- Keeping safe
- Moving to a new country
- People – young and old
- The world of work
- The right to learn
- Using energy
- Worldwide companies
- Moving goods and companies
- Improving communication
- Understanding belief
- Reduce, reuse, recycle
- Looking after planet Earth
- Sport and leisure
- Families
- Living and working together
- Sharing planet Earth
- Computers and technology

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 4)

1. AIM

- To provide young learners with the basic literacy, numeracy, and digital literacy skills to succeed in future learning endeavours
- To encourage a thirst for knowledge and an attitude of lifelong learning in young students

2. TARGET AUDIENCE

Foreign students of Primary 4 school age who wish to lay a useful foundation for later academic pursuits, notably the pathway offered by Cambridge International Examinations.

3. COURSE STRUCTURE

3.1 Duration and Contact Hours

The course will be offered over a period of one year (52 weeks), inclusive of school holidays and public holidays.

Face-to-face teaching will be conducted on five days a week for 38 weeks, with contact hours 6 hours a day.

3.2 Subjects

The following subjects will be offered:

No	Subject
1	English
	English as a Second Language
2	Mathematics
3	Science
4	ICT
5	Global Perspectives

All subjects are compulsory. Students may take **EITHER** English **OR** English as a Second Language, depending on their facility with the language.

4. COURSE OBJECTIVES AND OUTLINES

The course outline will follow the Cambridge syllabus, as described in Appendix A.

5. RESOURCES

Resources will include the following:

- print textbooks for the Cambridge Primary syllabus,
- supporting electronic resources such as e-books;
- multimedia resources

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 4)

6. COURSE FEES

The course fees are currently set at \$25,000 per year.

7. CONCLUSION

The Preparatory Course for Cambridge Primary (Year 4) will allow young learners to grasp the foundations of learning as well as equip them with the necessary skills to successfully and confidently negotiate their future academic endeavours.

8. APPENDIX – See next page

APPENDIX A -- COURSE OBJECTIVES AND OUTLINES

1) English

The aims are to:

- Cultivate the ability to communicate confidently, efficiently and effectively
- Develop critical literacy skills and equip students with the ability to understand a wide range of information, media, and text
- Encourage students to enjoy engaging with the English language

Topics:

Phonics, Spelling and Vocabulary

Grammar and Punctuation

Reading

Writing

Speaking and Listening

2) Mathematics

The aims are to enable students to:

- Develop basic numeracy skills
- Cultivate problem-solving skills and strategies through understanding of basic logic and patterns

Topics:

Number

- Numbers and the number system
- Calculation – Mental strategies, Addition and subtraction, Multiplication and division

Geometry

- Shapes and geometric reasoning
- Position and movement

Measure

- Money
- Length, mass and capacity
- Time
- Area and perimeter

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 4)

Handling data

- Organising, categorising and representing data
- Probability

Problem solving

- Using techniques and skills in solving mathematical problems
- Using understanding and strategies in solving problems

3) Science

The aims are to enable students to:

- Develop a scientific and logical mindset
- Cultivate an interest in the world around us, as well as understand how it functions

Topics:

Scientific Enquiry

- Ideas and evidence
- Planning investigative work
- Obtaining and presenting evidence
- Considering evidence and approach

Biology

- Plants
- Living Things in Their Environment
- Humans and Animals

Chemistry

- Material properties
- Material changes
- States of matter

Physics

- Forces
- Light and dark
- Electricity and magnetism

4) ICT

The aims are to enable students to:

- Be digitally literate
- Be able to use technology to supplement their own learning needs and inquiries
- Be able to use ICT to communicate confidently and respectfully

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 4)

Topics:

The Primary (Year 4) syllabus for ICT will follow the Next Steps programme as laid out in the Cambridge syllabus, which are as follows:

Stage One

- Exploring Documents
- Exploring Images
- Exploring Spreadsheets
- Exploring Databases

Stage Two

- Exploring Control
- Exploring the Internet
- Exploring Email
- Exploring Multimedia

5) Global Perspectives

The aims are to enable students to:

- Learn how to apply classroom subjects to the real world
- Gain a greater knowledge of the world around them
- Create awareness of how they are part of society as a whole

Topics covered by the Global Perspective syllabus include:

- Keeping healthy
- Keeping the peace
- Rich and poor
- Obeying the law
- Values and beliefs
- Water, food and farming
- Working with other countries
- Keeping safe
- Moving to a new country
- People – young and old
- The world of work
- The right to learn
- Using energy
- Worldwide companies
- Moving goods and companies
- Improving communication
- Understanding belief
- Reduce, reuse, recycle
- Looking after planet Earth
- Sport and leisure
- Families
- Living and working together
- Sharing planet Earth
- Computers and technology

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 5)

1. AIM

- To provide young learners with the basic literacy, numeracy, and digital literacy skills to succeed in future learning endeavours
- To encourage a thirst for knowledge and an attitude of lifelong learning in young students

2. TARGET AUDIENCE

Foreign students of Primary 5 school age who wish to lay a useful foundation for later academic pursuits, notably the pathway offered by Cambridge International Examinations.

3. COURSE STRUCTURE

3.1 Duration and Contact Hours

The course will be offered over a period of one year (52 weeks), inclusive of school holidays and public holidays.

Face-to-face teaching will be conducted on five days a week for 38 weeks, with contact hours 6 hours a day.

3.2 Subjects

The following subjects will be offered:

No	Subject
1	English
	English as a Second Language
2	Mathematics
3	Science
4	ICT
5	Global Perspectives

All subjects are compulsory. Students may take **EITHER** English **OR** English as a Second Language, depending on their facility with the language.

4. COURSE OBJECTIVES AND OUTLINES

The course outline will follow the Cambridge syllabus, as described in Appendix A.

5. RESOURCES

Resources will include the following:

- print textbooks for the Cambridge Primary syllabus,
- supporting electronic resources such as e-books;
- multimedia resources

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 5)

6. COURSE FEES

The course fees are currently set at \$25,000 per year.

7. CONCLUSION

The Preparatory Course for Cambridge Primary (Year 5) will allow young learners to grasp the foundations of learning as well as equip them with the necessary skills to successfully and confidently negotiate their future academic endeavours.

8. APPENDIX – See next page

APPENDIX A -- COURSE OBJECTIVES AND OUTLINES

1) English

The aims are to:

- Cultivate the ability to communicate confidently, efficiently and effectively
- Develop critical literacy skills and equip students with the ability to understand a wide range of information, media, and text
- Encourage students to enjoy engaging with the English language

Topics:

Phonics, Spelling and Vocabulary

Grammar and Punctuation

Reading

Writing

Speaking and Listening

2) Mathematics

The aims are to enable students to:

- Develop basic numeracy skills
- Cultivate problem-solving skills and strategies through understanding of basic logic and patterns

Topics:

Number

- Numbers and the number system
- Calculation – Mental strategies, Addition and subtraction, Multiplication and division

Geometry

- Shapes and geometric reasoning
- Position and movement

Measure

- Money
- Length, mass and capacity
- Time
- Area and perimeter

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 5)

Handling data

- Organising, categorising and representing data
- Probability

Problem solving

- Using techniques and skills in solving mathematical problems
- Using understanding and strategies in solving problems

3) Science

The aims are to enable students to:

- Develop a scientific and logical mindset
- Cultivate an interest in the world around us, as well as understand how it functions

Topics:

Scientific Enquiry

- Ideas and evidence
- Planning investigative work
- Obtaining and presenting evidence
- Considering evidence and approach

Biology

- Plants
- Living Things in Their Environment
- Humans and Animals

Chemistry

- Material properties
- Material changes
- States of matter

Physics

- Forces
- Light and dark
- Electricity and magnetism

4) ICT

The aims are to enable students to:

- Be digitally literate
- Be able to use technology to supplement their own learning needs and inquiries
- Be able to use ICT to communicate confidently and respectfully

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 5)

Topics:

The Primary (Year 5) syllabus for ICT will follow the On Track programme as laid out in the Cambridge syllabus, which are as follows:

Stage One

- Documents for a Purpose
- Multimedia for a Purpose
- Spreadsheets for a Purpose
- Databases for a Purpose

5) Global Perspectives

The aims are to enable students to:

- Learn how to apply classroom subjects to the real world
- Gain a greater knowledge of the world around them
- Create awareness of how they are part of society as a whole

Topics covered by the Global Perspective syllabus include:

- Keeping healthy
- Keeping the peace
- Rich and poor
- Obeying the law
- Values and beliefs
- Water, food and farming
- Working with other countries
- Keeping safe
- Moving to a new country
- People – young and old
- The world of work
- The right to learn
- Using energy
- Worldwide companies
- Moving goods and companies
- Improving communication
- Understanding belief
- Reduce, reuse, recycle
- Looking after planet Earth
- Sport and leisure
- Families
- Living and working together
- Sharing planet Earth
- Computers and technology

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 6)

1. AIM

- To provide young learners with the basic literacy, numeracy, and digital literacy skills to succeed in future learning endeavours
- To encourage a thirst for knowledge and an attitude of lifelong learning in young students

2. TARGET AUDIENCE

Foreign students of Primary 6 school age who wish to lay a useful foundation for later academic pursuits, notably the pathway offered by Cambridge International Examinations.

3. COURSE STRUCTURE

3.1 Duration and Contact Hours

The course will be offered over a period of one year (52 weeks), inclusive of school holidays and public holidays.

Face-to-face teaching will be conducted on five days a week for 38 weeks, with contact hours 6 hours a day.

3.2 Subjects

The following subjects will be offered:

No	Subject
1	English
	English as a Second Language
2	Mathematics
3	Science
4	ICT
5	Global Perspectives

All subjects are compulsory. Students may take **EITHER** English **OR** English as a Second Language, depending on their facility with the language.

4. COURSE OBJECTIVES AND OUTLINES

The course outline will follow the Cambridge syllabus, as described in Appendix A.

5. RESOURCES

Resources will include the following:

- print textbooks for the Cambridge Primary syllabus,
- supporting electronic resources such as e-books;
- multimedia resources

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 6)

6. COURSE FEES

The course fees are currently set at \$25,000 per year.

7. CONCLUSION

The Preparatory Course for Cambridge Primary (Year 6) will allow young learners to grasp the foundations of learning as well as equip them with the necessary skills to successfully and confidently negotiate their future academic endeavours.

8. APPENDIX – See next page

APPENDIX A -- COURSE OBJECTIVES AND OUTLINES

1) English

The aims are to:

- Cultivate the ability to communicate confidently, efficiently and effectively
- Develop critical literacy skills and equip students with the ability to understand a wide range of information, media, and text
- Encourage students to enjoy engaging with the English language

Topics:

Phonics, Spelling and Vocabulary

Grammar and Punctuation

Reading

Writing

Speaking and Listening

2) Mathematics

The aims are to enable students to:

- Develop basic numeracy skills
- Cultivate problem-solving skills and strategies through understanding of basic logic and patterns

Topics:

Number

- Numbers and the number system
- Calculation – Mental strategies, Addition and subtraction, Multiplication and division

Geometry

- Shapes and geometric reasoning
- Position and movement

Measure

- Money
- Length, mass and capacity
- Time
- Area and perimeter

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 6)

Handling data

- Organising, categorising and representing data
- Probability

Problem solving

- Using techniques and skills in solving mathematical problems
- Using understanding and strategies in solving problems

3) Science

The aims are to enable students to:

- Develop a scientific and logical mindset
- Cultivate an interest in the world around us, as well as understand how it functions

Topics:

Scientific Enquiry

- Ideas and evidence
- Planning investigative work
- Obtaining and presenting evidence
- Considering evidence and approach

Biology

- Plants
- Living Things in Their Environment
- Humans and Animals

Chemistry

- Material properties
- Material changes
- States of matter

Physics

- Forces
- Light and dark
- Electricity and magnetism

4) ICT

The aims are to enable students to:

- Be digitally literate
- Be able to use technology to supplement their own learning needs and inquiries
- Be able to use ICT to communicate confidently and respectfully

PREPARATORY COURSE FOR CAMBRIDGE PRIMARY (YEAR 6)

Topics:

The Primary (Year 6) syllabus for ICT will follow the On Track programme as laid out in the Cambridge syllabus, which are as follows:

Stage One

- Documents for a Purpose
- Multimedia for a Purpose
- Spreadsheets for a Purpose
- Databases for a Purpose

Stage Two

- Control for a Purpose
- Website Design for a Purpose
- Networks for a Purpose
- Video or Animation for a Purpose

5) Global Perspectives

The aims are to enable students to:

- Learn how to apply classroom subjects to the real world
- Gain a greater knowledge of the world around them
- Create awareness of how they are part of society as a whole

Topics covered by the Global Perspective syllabus include:

- Keeping healthy
- Keeping the peace
- Rich and poor
- Obeying the law
- Values and beliefs
- Water, food and farming
- Working with other countries
- Keeping safe
- Moving to a new country
- People – young and old
- The world of work
- The right to learn
- Using energy
- Worldwide companies
- Moving goods and companies
- Improving communication
- Understanding belief
- Reduce, reuse, recycle
- Looking after planet Earth
- Sport and leisure
- Families
- Living and working together
- Sharing planet Earth
- Computers and technology