



سلطنة عُمان  
وزارة التربية والتعليم

المديرية العامة للمدارس الخاصة  
دائرة برامج ومناهج المدارس الخاصة

# المصادر التعليمية المعتمدة لمادة تقنية المعلومات للمدارس الخاصة برنامج ثنائي اللغة - للصفوف (1-12)

Approved Educational Resources for Information Technology for Private Schools  
Bilingual Program - Grades (1-12)

2024/2025



1

**ICT**  
2024/2025

## الفهرس العام

| الصفحة | الموضوع                                | الفصل        |
|--------|--|--------------|
| 3      | الموجهات العامة                        | الفصل الأول  |
| 5      | خارطة تطبيق المصادر التعليمية المعتمدة | الفصل الثاني |
| 6      | الصفوف الدراسية (1-6)                  | الفصل الثالث |
| 10     | الصفوف الدراسية (7-8)                  | الفصل الرابع |
| 13     | الصفوف الدراسية (9-10)                 | الفصل الخامس |
| 19     | الصفوف الدراسية (11-12)                | الفصل السادس |

## General Index

| Section   | Title                                 | Page |
|-----------|---------------------------------------|------|
| Section 1 | General Guidelines                    | 3    |
| Section 2 | Approved Resources Implementation Map | 5    |
| Section 3 | Grades (1-6)                          | 6    |
| Section 4 | Grades (7-8)                          | 10   |
| Section 5 | Grades (9-10)                         | 13   |
| Section 6 | Grades (11-12)                        | 19   |

## الفصل الأول: الموجها العامة

### Section (1): General Guidelines

#### الموجهات العامة

| اختيار وتوفير المصادر التعليمية |   |
|---------------------------------|---|
|                                 | <ul style="list-style-type: none"><li>الالتزام باختيار أحد المصادر التعليمية المعتمدة في هذه النشرة.</li><li>الالتزام بخارطة تطبيق السلاسل المعتمدة (انظر الفصل الثاني).</li><li>الالتزام بتوفير جميع المكونات الأساسية للمصادر التعليمية المختارة، بالنسبة لكل طالب ولكل معلم، والموضحة في الفصول القادمة من هذه النشرة قبل وقت كاف من بداية العام الدراسي.</li><li>الالتزام بتوفير نسخ أصلية من المصادر التعليمية الأساسية التي تم اختيارها للتطبيق.</li></ul>                          |
| الأهداف                         | <ul style="list-style-type: none"><li>الالتزام بتحقيق أهداف ومخرجات السلاسل التعليمية والكتب الدراسية المعتمدة للفصلين الدراسيين الأول والثاني في كل صف دراسي وفق دليل المعلم للصفوف (1-8).</li><li>الالتزام بخارطة توزيع المحتوى للصفوف (9-10) حسب السلسلة (انظر الفصل الخامس).</li><li>الالتزام بالخارطة الدراسية للفصلين الدراسيين للصفين (11-12) - انظر الفصل السادس.</li></ul>   |
| الوسائل التعليمية               | <ul style="list-style-type: none"><li>ضرورة توفير مختبر / مختبرات حاسوب مزودة بالحواسيب الكافية (بمعدل حاسوب لكل طالب)، وجهاز حاسوب للمعلم وجهاز عرض وغيرها من الأجهزة والمستلزمات بالإضافة إلى توفر شبكة الانترنت.</li><li>ضرورة توفير الوسائل التعليمية الموضحة في أدلة المعلمين وكتاب الطالب من قبل المدرسة، وتسهيل عملية نسخ أوراق العمل بالنسبة للمعلم وذلك بتوفير الأوراق وآلات التصوير وغيرها من المستلزمات، إذ أن السلاسل المعتمدة تتطلب ذلك لتنفيذها بالصورة المطلوبة.</li></ul> |
| التدريب                         | <ul style="list-style-type: none"><li>تدريب المعلمين والذي يتعلق باستخدام الكتب الدراسية والمصادر التعليمية المعتمدة يجب أن يكون ضمن خطط المدارس الخاصة للإثناء المهني، والمدارس هي الجهات المعنية بالتنسيق مع دور النشر بشكل مباشر أو من خلال الموزعين المعتمدين حول توفير البرامج التدريبية لمعلميها.</li></ul>   |

## General Guidelines

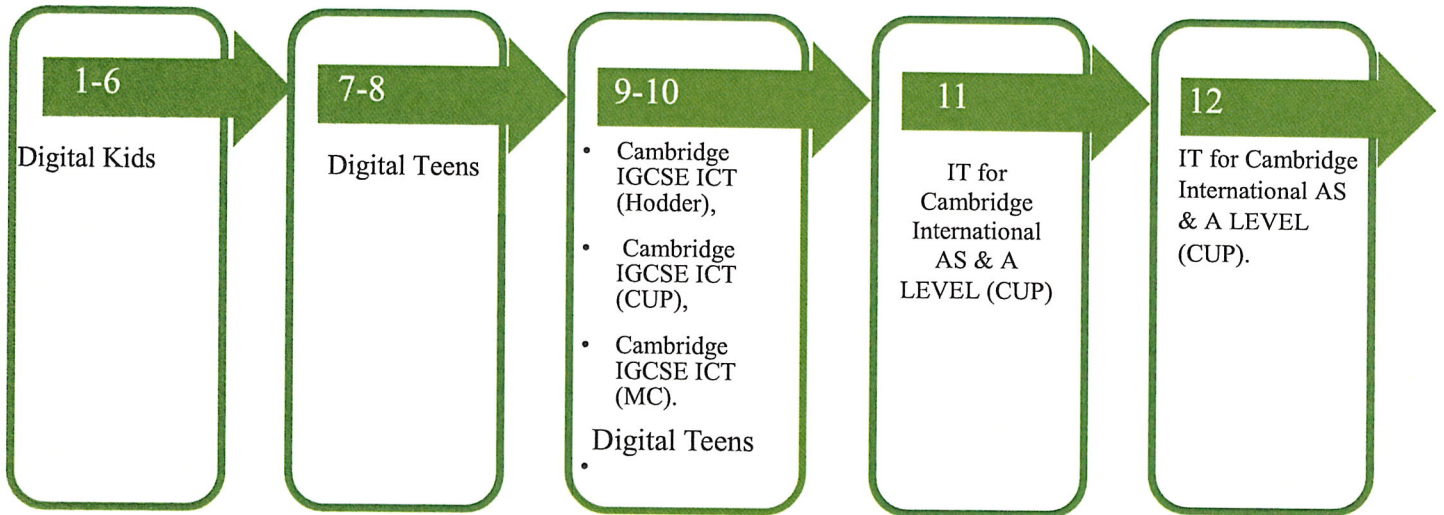
|                                |   |
|--------------------------------|---|
| <b>Resources Selection and</b> | <ul style="list-style-type: none"> <li>▪ Select and apply the educational resources listed in this newsletter.</li> <li>▪ <b>To stick to the approved educational resources implementation map (see section 2).</b></li> <li>▪ Provide each student and teacher with original and full components of selected educational resources from the approved list in advance at the beginning of the year.</li> <li>▪ Copying of books or any components of the educational resources prohibited without authorization from the concerned publishing house. Since such acts are deemed as a violation of the intellectual property rights, any violating schools will be subjected to legal accountability.</li> </ul> |
| <b>Outcomes</b>                | <ul style="list-style-type: none"> <li>▪ Must adhere to learning outcomes of the approved educational resources during the two semesters according to the Teachers' Guides for grades (1-8).</li> <li>▪ Must adhere to learning outcomes of the approved educational resources during the two semesters according to the Content Distribution Plan for grades (9-10) – section 5.</li> <li>▪ Must adhere to grade (11-12) scheme of work and content distribution plan - section 6.</li> </ul>  |
| <b>Teaching</b>                | <ul style="list-style-type: none"> <li>▪ Provide fully equipped computer laboratories with internet access for all students. (one computer for each student).</li> <li>▪ For all grades: To provide papers, photocopiers, laptops, projectors, and other consumable materials that will be required in using these resources.</li> </ul>  |
| <b>Training</b>                | <ul style="list-style-type: none"> <li>• Teacher training related to the use of the selected educational resources or learning resources should be part of all schools' commitment to the professional development of their teachers and should be made available to teachers by the schools, as required by contacting the publishers or their concerned distributors.</li> </ul>  |

## Section (2): Approved Resources Implementation Map

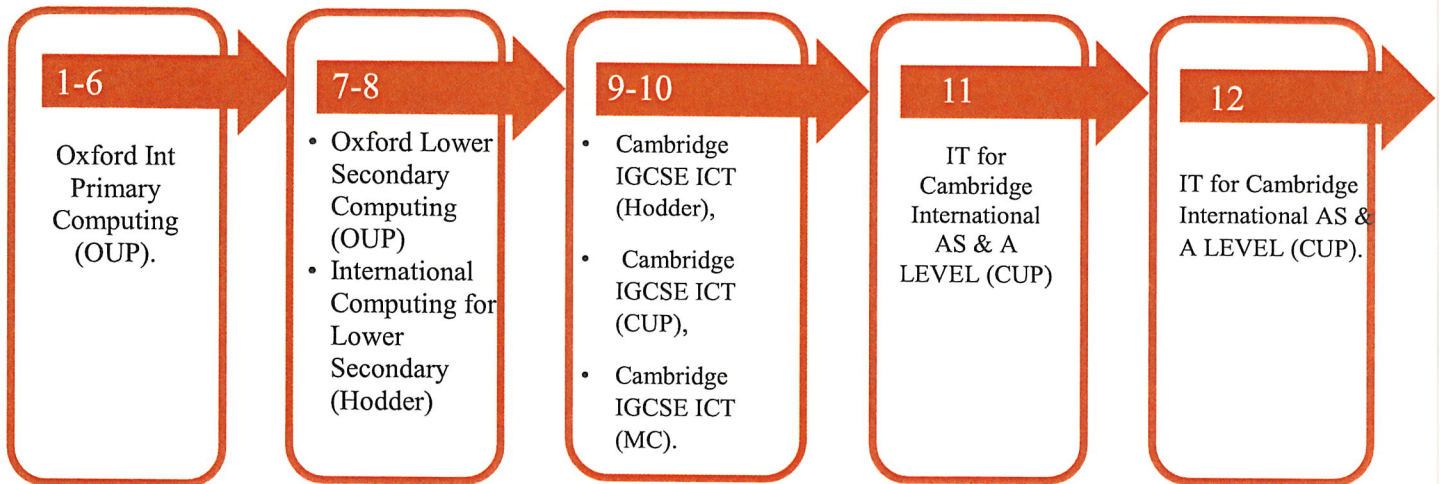
Schools Should Choose one of the following streams in choosing ICT Educational Resources:

على المدارس الخاصة تطبيق أحد المسارات الآتية عند اختيار المصادر التعليمية:

### Stream 1



### Stream 2



الفصل الثالث: المرحلة الدراسية (1-6)

Grades (1-6) Section (3):

| الفهرس  |      |  |
|---|------|--|
| Title   | Page | الموضوع  |
| The List of Approved Series and their Compulsory Components | 7    | قائمة السلاسل التعليمية المعتمدة ومكوناتها الالزامية |
| ISBNs of the Approved Series Components                     | 8    | أرقام ال(ISBNs) لمكونات السلاسل التعليمية المعتمدة   |

قائمة السلاسل التعليمية المعتمدة ومكوناتها الالزامية – الصفوف (1-6)

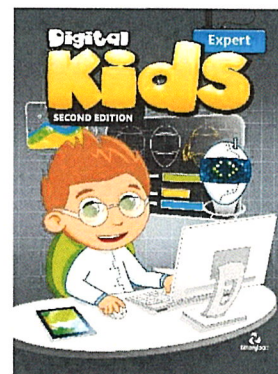
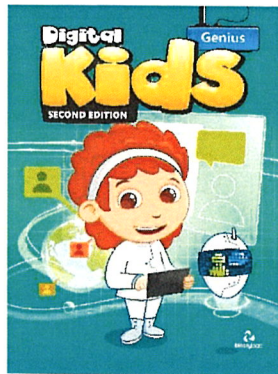
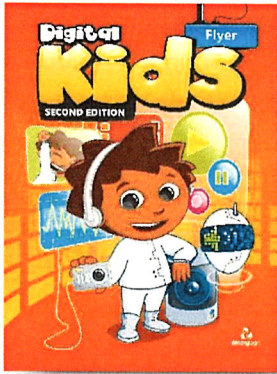
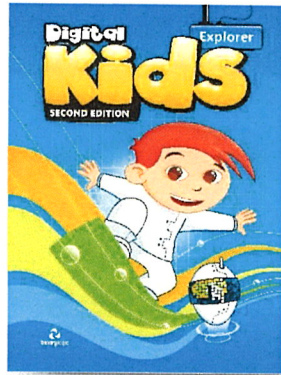
The List of Approved Series and their Compulsory Components – Grades (1- 6)

|   | Title                                    | Publisher               | Components                            | Comments |
|---|--|-------------------------|---------------------------------------|----------|
| 1 | Digital Kids                             | Binary Logic            | Student Book                          |          |
|   |  |                         | Teacher and Student digital Resources | Online   |
| 2 | Oxford International Primary - Computing | Oxford University Press | Student Book                          |          |
|   |  |                         | Teacher's Guide                       |          |

أرقام الـ (ISBNs) لمكونات السلاسل التعليمية المعتمدة - الصفوف (1-6)

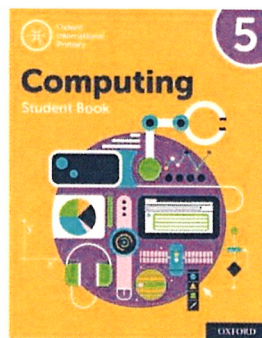
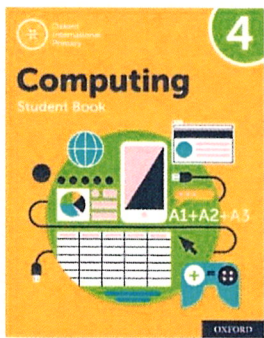
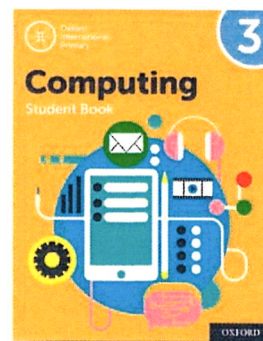
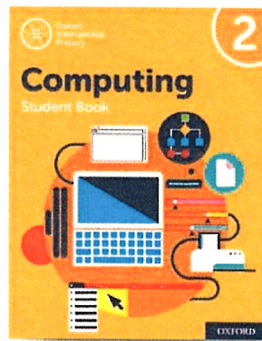
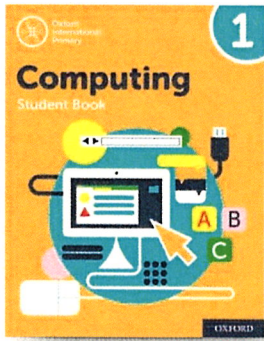
ISBNs of the Approved Series Components - Grades (1- 6)

| 1. Digital Kids – Binary Logic: |                                       |               |          |
|---------------------------------|---------------------------------------|---------------|----------|
| Grade                           | Components                            | ISBN          | Comments |
| 1                               | Digital Kids Starter 2e               | 9789606984365 |          |
|                                 | Teacher and Student digital Resources | ---           |          |
| 2                               | Digital Kids Explorer 2e              | 9789606984372 |          |
|                                 | Teacher and Student digital Resources | ---           |          |
| 3                               | Digital Kids Racer                    | 9789606984389 |          |
|                                 | Teacher and Student digital Resources | ---           |          |
| 4                               | Digital Kids Flyer                    | 9789606984396 |          |
|                                 | Teacher and Student digital Resources | ---           |          |
| 5                               | Digital Kids Genius                   | 9789606984402 |          |
|                                 | Teacher and Student digital Resources | ---           |          |
| 6                               | Digital Kids Expert                   | 9789606984419 |          |
|                                 | Teacher and Student digital Resources | ---           |          |



**2. Oxford International Primary Computing – Oxford University Press:**

| Grade | Components   | ISBN          | Comments  |
|-------|--|---------------|-----------|
| 1     | Oxford International Primary Computing Student Book1                   | 9780198497790 |           |
|       | Oxford International Primary Computing 2e Teacher's Guide 1(level 1-3) | 9781382007450 | pack ISBN |
| 2     | Oxford International Primary Computing Student Book 2                  | 9780198497806 |           |
|       | Oxford International Primary Computing 2e Teacher's Guide1(level 1-3)  | 9781382007450 | pack ISBN |
| 3     | Oxford International Primary Computing Student Book13                  | 9780198497813 |           |
|       | Oxford International Primary Computing 2e Teacher's Guide 1(level 1-3) | 9781382007450 | pack ISBN |
| 4     | Oxford International Primary Computing Student Book 4                  | 9780198497820 |           |
|       | Oxford International Primary Computing 2e Teacher's Guide 2(level 4-6) | 9781382007467 | pack ISBN |
| 5     | Oxford International Primary Computing Student Book 5                  | 9780198497837 |           |
|       | Oxford International Primary Computing 2e Teacher's Guide 2(level 4-6) | 9781382007467 | pack ISBN |
| 6     | Oxford International Primary Computing Student Book 6                  | 9780198497844 |           |
|       | Oxford International Primary Computing 2e Teacher's Guide 2(level 4-6) | 9781382007467 | pack ISBN |



الفصل الرابع: المرحلة الدراسية (7-8)

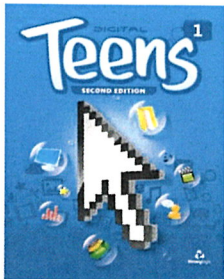
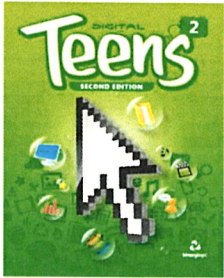
Section (4): Grades (7-8)

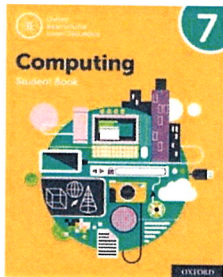
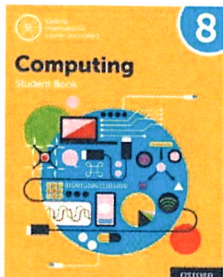
| الفهرس  |      |  |
|---|------|--|
| Title   | Page | الموضوع  |
| The List of Approved Series and their Compulsory Components | 11   | قائمة السلاسل التعليمية المعتمدة ومكوناتها الالزامية |
| ISBNs of the Approved Series Components                     | 12   | أرقام ال(ISBNs) لمكونات السلاسل التعليمية المعتمدة   |

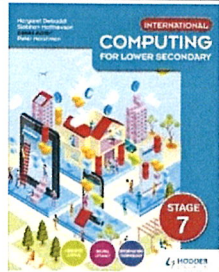
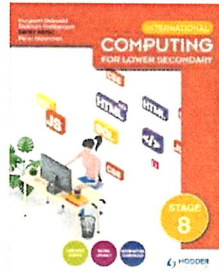
The List of Approved Series and their Compulsory Components – Grades (7- 8)

|   | Title  | Publisher               | Components                           | Comments |
|---|--|-------------------------|--------------------------------------|----------|
| 1 | Digital Teens                                    | Binary Logic            | Student Book                         |          |
|   |  |                         | Online Teacher and Student Resources |          |
| 2 | Oxford International Lower Secondary - Computing | Oxford University Press | Student Book                         |          |
|   |  |                         | Teacher's Guide 7-9                  |          |
| 3 | International Computing for Lower Secondary      | Hodder Education        | Student Book                         |          |
|   |  |                         | Online Teacher's Resources           |          |
|   |  |                         |                                      |          |

ISBNs of the Approved Series Components - Grades (7- 8)

| 1. Digital Teens 2 <sup>nd</sup> Edition – Binary Logic: |                                       |               |  |
|--|---------------------------------------|---------------|--|
| Grade  | Components                            | ISBN          | Comments   |
| 7  | Digital Teens 1                       | 9789606984426 |   |
|  | Online Teacher and Students Resources | ---           |  |
| 8  | Digital Teens 2                       | 9789606984433 |  |
|  | Online Teacher and Students Resources | ---           |  |

| 2. Oxford Lower Secondary Computing – Oxford University Press: |  |               |   |
|--|--|---------------|---|
| Grade  | Components   | ISBN          | Comments  |
| 7  | Oxford International Lower Secondary Computing -Student Book                   | 9780198497851 |  |
|  | Oxford International Lower Secondary Computing - Teacher's Guide 3 (level 7-9) | 9781382007474 |   |
| 8  | Oxford International Lower Secondary Computing -Student Book                   | 9780198497868 |  |
|  | Oxford International Lower Secondary Computing - Teacher's Guide 3 (level 7-9) | 9781382007474 |   |

| 3. International Computing for Lower Secondary – Hodder Education: |  |               |   |
|--|--|---------------|---|
| Grade  | Components   | ISBN          | Comments  |
| 7  | International Computing for Lower Secondary Student Book Stage 7         | 9781510481985 |  |
|  | International Computing for Lower Secondary Online Teacher's Resources 7 | 9781510483484 |   |
| 8  | International Computing for Lower Secondary Student Book Stage 8         | 9781510481992 |  |
|  | International Computing for Lower Secondary Online Teacher's Resources 8 | 9781510483491 |   |

الفصل الخامس: المرحلة الدراسية (9-10)

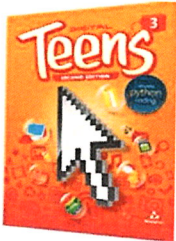
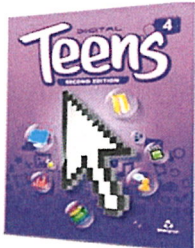
Section (5): Grades (9-10)

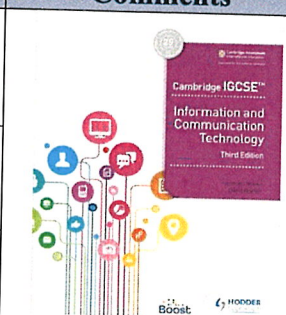
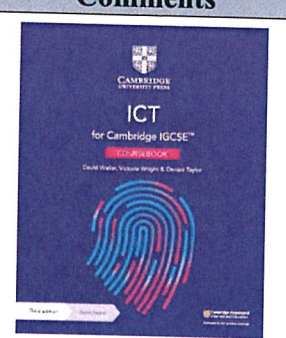
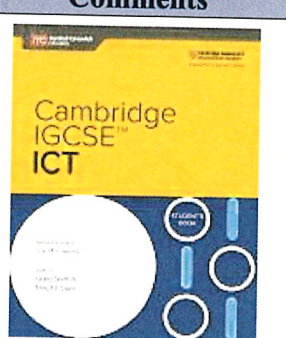
| الفهرس  |      |  |
|---|------|--|
| Title   | Page | الموضوع  |
| The List of Approved Resources and their Components             | 15   | قائمة المصادر التعليمية المعتمدة ومكوناتها   |
| ISBNs of the Approved Resources Components                      | 16   | أرقام الـ (ISBNs) لمكونات المصادر التعليمية المعتمدة                               |
| Content Distribution Plan for all Cambridge IGSCE ICT Resources | 18   | توزيع محتوى السلاسل الأساسية على الفصلين الدراسيين لجميع مصادر Cambridge IGSCE ICT |

قائمة المصادر التعليمية الأساسية المعتمدة ومكوناتها – الصفوف (9-10)

The List of Approved Essential Resources and their Components – Grades (9- 10)

| Title  | Publisher                  | Components  | Comments      |
|--|----------------------------|---|---------------|
| Digital Teens 3  | Binary Logic               | Student Book  | Supplementary |
|  |                            | Online Teacher and Student Resources                            |               |
| Digital Teens 4  | Binary Logic               | Student Book  | Supplementary |
|  |                            | Online Teacher and Student Resources                            |               |
| Cambridge IGCSE Information and Communication Technology | Hodder Education           | Student book 3 <sup>rd</sup> Edition                            | Supplementary |
|  |                            | ICT Theory Workbook 2 <sup>nd</sup> Edition                     |               |
|  |                            | Teacher's Guide with Boost Subscription 3 <sup>rd</sup> Edition |               |
| ICT for Cambridge IGCSE                                  | Cambridge University Press | Coursebook with digital access                                  | Supplementary |
|  |                            | Practical Skills Workbook with Digital Access                   |               |
|  |                            | Digital Teachers' Resources                                     |               |
| Cambridge IGCSE ICT                                      | Marshall Cavendish         | Student Book  | Supplementary |
|  |                            | Workbook  |               |
|  |                            | Teachers Guide  |               |
|  |                            | Teacher and Student Resources                                   |               |

| 1. Digital Teens for Secondary Schools from Binary Logic: |                                       |               |   |
|---|---------------------------------------|---------------|---|
| Grade   | Components                            | ISBN          | Comments  |
| 9   | Digital Teens 3                       | 9789606984440 |  |
|   | Online Teacher and Students Resources | -----         |   |
| Grade   | Components                            | ISBN          | Comments  |
| 10  | Digital Teens 4                       | 9789606984457 |  |
|   | Online Teacher and Students Resources | -----         |   |

| <b>1. Cambridge IGCSE Information and Communication Technology 3<sup>rd</sup> Edition – Hodder Education:</b> |   |               |   |
|---|---|---------------|---|
| <b>Grade</b>  | <b>Components</b>   | <b>ISBN</b>   | <b>Comments</b>   |
| 9 & 10  | Coursebook 3 <sup>rd</sup> Edition                              | 9781398318540 |    |
|   | ICT Theory Workbook 2 <sup>nd</sup> Edition                     | 9781398318564 |   |
|   | Teacher's Guide with Boost Subscription 3 <sup>rd</sup> Edition | 9781398318533 |   |
| <b>2. ICT for Cambridge IGCSE 3<sup>rd</sup> Edition – Cambridge University Press:</b>                        |   |               |   |
| <b>Grade</b>  | <b>Components</b>   | <b>ISBN</b>   | <b>Comments</b>   |
| 9 & 10  | Coursebook with digital access                                  | 9781108901093 |   |
|   | Practical Skills Workbook with Digital Access                   | 9781108901123 |   |
|   | Digital Teachers' Resources                                     | 9781108828239 |   |
| <b>3. Cambridge IGCSE ICT – Marshal Cavendish:</b>  |   |               |   |
| <b>Grade</b>  | <b>Components</b>   | <b>ISBN</b>   | <b>Comments</b>   |
| 9 & 10  | Student Book  | 9789814941563 |  |
|   | Workbook  | 9789814941570 |   |
|   | Teachers Guide  | 978814941587  |   |

Content Distribution Plan for all Cambridge IGSCE ICT Resources – Grades (9- 10)

| Grade 9             |  |                |
|---------------------|--|----------------|
| Units               |  | No. of lessons |
| <b>Semester (1)</b> |  |                |
| Theoretical units   | Unit 1: Types and component of computer system | 6              |
|                     | Unit 2: Input and output devices               | 6              |
| Practical units     | Unit 12: Images                                | 4              |
|                     | Unit 13: Layout                                |                |
|                     | Unit 14: Styles                                |                |
|                     | Unit 17: Document production                   | 8              |
|                     | Unit 19: Presentations                         | 4              |
| <b>Semester (2)</b> |  |                |
| Theoretical units   | Unit 3: Storage devices and media              | 4              |
|                     | Unit 5: The effects of using ICT               | 4              |
| Practical units     | Unit 20: Spreadsheets                          | 16             |
|                     | Unit 16: Graphs and charts                     | 4              |

| Grade 10            |  |                |
|---------------------|--|----------------|
| Units               |  | No. of lessons |
| <b>Semester (1)</b> |  |                |
| Theoretical units   | Unit 4: Networks and the effects of using them | 6              |
|                     | Unit 8: Safety and security                    | 6              |
| Practical units     | Unit 18: Database                              | 16             |
| <b>Semester (2)</b> |  |                |
| Theoretical units   | Unit 6: ICT Applications                       | 10             |
| Practical units     | Unit 21: Website Authoring                     | 18             |

الفصل السادس: المرحلة الدراسية (11-12)

Section (6): Grades (11-12)

| الموضوع  | الفهرس | Title   |
|--|--------|---|
| قائمة المصادر التعليمية المعتمدة ومكوناتها                 | 20     | The List of Approved Resources and their Components |
| أرقام الـ (ISBNs) لمكونات المصادر التعليمية                | 21     | ISBNs of the Approved Resources Components          |
| توزيع محتوى المصدر التعليمي الأساسية على الفصلين الدراسيين | 22     | Content Distribution Plan                           |

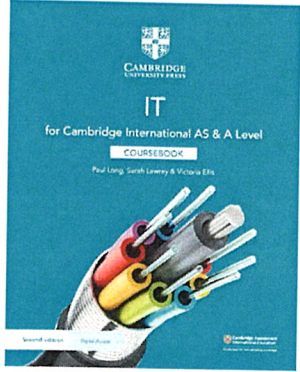
قائمة المصادر التعليمية المعتمدة ومكوناتها - الصفوف (11-12)

The List of Approved Essential Resources and their Components – Grades (11- 12)

| Title                                       | Publisher                  | Grade   | Components                                       | Comments      |
|---|----------------------------|---------|--|---------------|
| IT for Cambridge International AS & A LEVEL | Cambridge University Press | 11 & 12 | Coursebook                                       |               |
|   |                            |         | Digital Teacher's Resources                      |               |
|   |                            |         | Practical IT Skills Workbook with Digital Access | Supplementary |

أرقام الـ (ISBNs) لمكونات المصادر التعليمية – الصفوف (11-12)

ISBNs of the Approved Resources Components - Grades (11- 12)

| 1. IT for Cambridge International AS & A LEVEL – Cambridge University Press: |         |               |  |
|--|---------|---------------|--|
| Components   | Grade   | ISBN          | Comments   |
| Coursebook   | 11 & 12 | 9781108782470 |  |
| Digital Teacher's Resources  |         | 9781108782562 |  |
| Practical IT Skills Workbook with Digital Access                             |         | 9781108812177 |  |

Content Distribution Plan – Grades (11- 12)

Grade 11

1. Cambridge International AS & A Level – Cambridge University Press:

| Semester   | Topic                                   | No. of Lessons |
|------------|---|----------------|
| Semester 1 | Unit 1: Data processing and information | 12             |
|            | Unit 3: Monitoring and control          | 8              |
|            | Unit 8: Spreadsheets                    | 36             |
| Semester 2 | Unit 5: eSecurity                       | 8              |
|            | Unit 6: The digital divide              | 6              |
|            | Unit 7: Expert systems                  | 6              |
|            | Unit 11: Sound and video editing        | 36             |

Grade 12

1. Cambridge International AS & A Level – Cambridge University Press

| Semester   | Topic   | No. of lessons |
|------------|---|----------------|
| Semester 1 | Unit 12: IT in society  | 24             |
|            | Unit 17: Mail merge   | 20             |
|            | Unit 20: Programming for the web (20.1 to 20. 5) (p.469 to p.478) | 12             |
| Semester 2 | Unit 16: System life cycle  | 24             |
|            | Unit 18: Graphic Creation   | 32             |

نهاية النشرة

End of the Newsletter