



آغا خان یونیورسٹی ایگزامینیشن بورڈ  
AGA KHAN UNIVERSITY EXAMINATION BOARD

## Secondary School Certificate (SSC)

### Languages

#### English Compulsory

##### Recommended Key Textbooks:

Fatima Shahabudin. *Exploring English for Class X*. Oxford University Press

Sarwar, Z and Arif, T. (2009). *Exploring English for Class IX*. Oxford University Press

Rachel Redford (2007). *Oxford Progressive English*. Oxford University Press

##### Reference Books:

John Seely, J. 3rd ed. (2002). *English Alive*. Oxford University Press

Choo, S. and Yeo, R. (2007). *Mining for Meaning*. Learners Publishing

##### Websites:

[www.esl-lab.com](http://www.esl-lab.com)

<https://learnenglish.britishcouncil.org/skills/listening>

[www.ereadingworksheets.com](http://www.ereadingworksheets.com)

<https://learnenglish.britishcouncil.org/skills/reading>

<https://learnenglish.britishcouncil.org/skills/writing>

<https://www.khanacademy.org/test-prep/sat/sat-reading-writing-practice>

<https://learnenglish.britishcouncil.org/grammar>

#### Urdu Compulsory

##### Recommended Key Textbooks

’مجموعہ نظم و نثر‘ (اردو لازمی) نویں جماعت کے لیے (درسی کتاب)، آغا خان یونیورسٹی ایگزامینیشن بورڈ

’مجموعہ نظم و نثر‘ (اردو لازمی) دسویں جماعت کے لیے (درسی کتاب)، آغا خان یونیورسٹی ایگزامینیشن بورڈ

##### Reference Books

’اردو ادب کی مختصر تاریخ‘ از: ڈاکٹر انور سدید، متقدمہ قومی زبان، اسلام آباد

’اردو اصنافِ ادب‘ از: عطاء الرحمن نوری

’اردو قواعد و انشا‘ برائے نهم، دہم، پنجاب کریکولم اینڈ ٹیکسٹ بک بورڈ، لاہور

’فیروز اللغات اردو‘ از: مولوی فیروز الدین، فیروز سنز، لاہور / کراچی / پشاور

## Websites:

<https://www.rekhta.org/ebooks/detail/urdu-adab-ki-mukhtasar-tareekh-anwar-sadeed-ebooks>

<http://www.iqbalcyberlibrary.net/ur/Urdu-Asnaf-e-Adab.html>

[https://www.taleem360.com/9th-and-10th-class-urdu-qawaid-o-insha-text-book-by-punjab-board-vfq#google\\_vignette](https://www.taleem360.com/9th-and-10th-class-urdu-qawaid-o-insha-text-book-by-punjab-board-vfq#google_vignette)

<https://www.rekhta.org/ebooks/detail/firoz-ul-lughat-urdu-molvi-firozuddin-ebooks?lang=ur>

<https://www.rekhta.org/?lang=ur>

<http://roshnai.com/>

<https://jang.com.pk>

<https://urdunotes.com/lesson/ilm-e-bayan-ki-tareef/>

<https://www.youtube.com/watch?v=i3JNHsP5Ly0>

## Urdu Aasan

### Recommended Key Textbook

’آسان اُردو‘۔ نویں جماعت کے لیے، سندھ ٹیکسٹ بک بورڈ، جام شورو

### Reference Books

’اردو ادب کی مختصر تاریخ‘، از: ڈاکٹر انور سدید، مقتدرہ قومی زبان، اسلام آباد

’اردو اصنافِ ادب‘، از: عطاء الرحمن نوری

’اردو قواعد و انشاء‘، برائے نهم، دہم، پنجاب کربکولم اینڈ ٹیکسٹ بک بورڈ، لاہور

’فیروز اللغات اردو‘، از: مولوی فیروز الدین، فیروز سنز، لاہور / کراچی / پشاور

## Websites:

<https://www.rekhta.org/ebooks/detail/urdu-adab-ki-mukhtasar-tareekh-anwar-sadeed-ebooks>

<http://www.iqbalcyberlibrary.net/ur/Urdu-Asnaf-e-Adab.html>

[https://www.taleem360.com/9th-and-10th-class-urdu-qawaid-o-insha-text-book-by-punjab-board-vfq#google\\_vignette](https://www.taleem360.com/9th-and-10th-class-urdu-qawaid-o-insha-text-book-by-punjab-board-vfq#google_vignette)

<https://www.rekhta.org/ebooks/detail/firoz-ul-lughat-urdu-molvi-firozuddin-ebooks?lang=ur>

<https://www.rekhta.org/?lang=ur>

<http://roshnai.com/>

<https://jang.com.pk>

<https://www.youtube.com/watch?v=i3JNHsP5Ly0>

## Literature in English

### Recommended Key Textbooks:

George Orwell. *Animal Farm*. Penguin Books

Sir Arthur Conan Doyle. *A Study in Scarlet*. Readings Classics

Arthur Miller. *Death of a Salesman*. Penguin Modern Classics

George Bernard Shaw. *Pygmalion*. Collins Classics

**Note:** Short stories, essays and poems are available in the AKU-EB anthology

## Sindhi

### Recommended Key Textbook

گلدستو - ڪلاس ڏهين لاءِ آغا خان يونيورسٽي ايگزامينيشن بورڊ

### Reference Books

وڏو سنڌي ويا ڪرڻ - از: ڪاڪو پيرومل مهرچند چيائيندڙ: انسٽيٽيوٽ آف سنڌالاجي ڄامشورو

سنڌي ٻوليءَ جو صرف ۽ نحو - از: واحد بخش شيخ - سنڌي ادبي بورڊ ڄامشورو

جامع سنڌي لغات از: ڊاڪٽر نبي بخش بلوچ سنڌي ادبي بورڊ

### Websites:

[www.sindhiaadabiboard.org](http://www.sindhiaadabiboard.org)

<http://www.sindhila.org/>

[www.sindhsalamat.com](http://www.sindhsalamat.com)

## Islamiyat

### Recommended Key Textbook

تمام صوبوں کی طرف سے جاری کردہ ٹیکسٹ بکس۔

### Reference Books (حوالہ جاتی کتب)

- 1- علوم القرآن، مفتی تقی عثمانی، ص، ۲۳ تا ۲۵-۲۷ تا ۲۹، مکتبہ دارالعلوم کراچی، طبع جدید، ۱۴۱۵ھ۔
- 2- علوم القرآن، ڈاکٹر صبحی صالح، ص، ۲۳ تا ۳۰-۳۱ تا ۳۷-۳۸ تا ۴۵، ملک سنز ناشران، ۱۹۹۹ء۔
- 3- الاتقان فی علوم القرآن، حصہ اول، امام جلال الدین سیوطی، مترجم، محمد حلیم انصاری، ص، ۱۳۲ تا ۱۳۸، ادارہ اسلامیات، لاہور، اگست ۱۹۸۲ء۔
- 4- تاریخ القرآن، ڈاکٹر محمود رامیار، مترجم، سید انوار احمد بلگرامی، مصباح القرآن ٹرسٹ، لاہور، پاکستان، ۲۰۱۳ء۔
- 5- تفسیر فصل الخطاب، جلد اول، سید العلماء، علامہ السید علی نقی النقوی، مصباح القرآن ٹرسٹ، لاہور پاکستان، ۲۰۱۱ء۔
- 6- تفسیر ضیاء القرآن، جلد اول، دوم اور سوم، پیر محمد کرم شاہ الازہری، ضیاء القرآن پبلیکیشنز، لاہور، تاریخ طباعت، ۱۹۹۵ء۔
- 7- تفسیر معارف القرآن، جلد دوم، سوم اور ششم، مفتی محمد شفیع، مکتبہ معارف القرآن، کراچی، اپریل ۲۰۰۸ء۔
- 8- تفسیر نمونہ، جلد سوم، چہار، ششم، اور ہفتم، حضرت مولانا سید صفدر حسین نجفی،
- 9- علوم الحدیث، ڈاکٹر صبحی صالح، مترجم محمد رفیق چوہدری، ص، ۲۲ تا ۲۳-۲۴ تا ۲۵-۲۶ تا ۲۷، اسلامی اکادمی، اردو بازار، لاہور، اکتوبر ۱۹۸۹ء۔
- 10- تذکرۃ الحدیثین، علامہ غلام رسول سعیدی، ص، ۲۸ تا ۲۹، مکتبہ قادریہ لاہور، ۱۹۷۷ء۔
- 11- مطالعہ حدیث، مولانا محمد حنیف ندوی، علم و عرفان پبلشرز، لاہور، ۱۹۹۹ء۔
- 12- سیرت النبی، جلد اول، دوم، سوم، چہارم، پنجم، ششم، علامہ شبلی نعمانی، مکتبہ اسلامیہ، لاہور، اکتوبر ۲۰۱۲ء۔
- 13- حیات محمد، محمد حسنین ہیکل، مترجم، محمد حسین عبدہ، الفیصل ناشران و تاجران کتب، اردو بازار لاہور، ۲۰۰۶ء۔
- 14- الر حیق المختوم، صفی الرحمن مبارکپوری، المکتبہ السلفیہ، شیش محل روڈ لاہور، مئی ۲۰۰۰ء۔
- 15- اسلامی نظریہ حیات، خورشید احمد، شعبہ تصنیف و تالیف و ترجمہ، جامعہ کراچی، ۱۹۸۸ء۔
- 16- ارکان اسلام، مولانا ابوالکلام آزاد، مرتبہ، میاں محمد افتخار کھٹانہ، مکتبہ رحمان، اردو بازار، لاہور، ۲۰۰۶ء۔
- 17- اسلام کا معاشرتی نظام، ڈاکٹر خالد علوی، الفیصل ناشران و تاجران کتب، لاہور، سن۔
- 18- اسلامی نظام تعلیم، سید ریاست علی ندوی، دارالمصنفین شبلی اکیڈمی، اعظم گڑھ (یو۔ پی)، ۲۰۱۱ء۔
- 19- چودہ ستارے، حضرات چہارہ معصومین علیہم السلام کے حالات زندگی، سید نجم الحسن کراوی، شیعہ جزل بک ایجنسی، انصاف پریس، ریلوے روڈ، لاہور، فروری، ۱۹۷۳ء۔
- 20- فضائل اہل بیت، علامہ جلال الدین سیوطی، مترجم، مفتی محمد اکرام المحسن، فیضی، انجمن ضیاء طیبہ، دسمبر، ۲۰۱۰ء۔
- 21- مشاہیر اسلام، ڈاکٹر حسن ابراہیم حسن، کتاب اعلام الاسلام کارڈو ترجمہ، پاکستان ہسٹاریکل سوسائٹی، نیو کراچی، کوآپریٹو ہاؤسنگ سوسائٹی، کراچی، س۔ن

- 22- چند مشہور طبیب اور سائنس دان، مکتبہ پیام تعلیم، جامعہ نگر، نئی دہلی۔ ۲۵۔
- 23- ارکانِ اسلام، مولانا ابوالکلام آزاد، مرتبہ، میاں محمد افتخار کھٹانہ، مکتبہ رحمان، اردو بازار، لاہور، ۲۰۰۶ء۔ 23
- 24- عشرہ مبشرہ، قاضی حبیب الرحمن صاحب برادرزادہ، علامہ قاضی سلیمان منصور پوری، مکتبہ مدنیہ، اردو بازار، لاہور، س ن۔
- 25- فضائل صحابہ، حضرت امام احمد بن حنبل، مترجم، نور احمد بشار، تخریج، شیخ وصی اللہ بن محمد عباس، نظر ثانی، ابو صالح سلیمان نورستانی۔ بک کارنر جہلم، پاکستان، س ن۔
- 26- عشرہ مبشرہ، قاضی حبیب الرحمن صاحب برادرزادہ، علامہ قاضی سلیمان منصور پوری، مکتبہ مدنیہ، اردو بازار، لاہور، س ن۔
- 27- موسیٰ بن نصیر، حکیم محمد احمد ظفر، تخلیقات لاہور، ۲۰۰۵ء۔
- 28- تاریخ اسلام، جلد اول، اکبر شاہ خان نجیب آبادی، ص، ۸۰۰ تا ۸۰۵، دارالاندلس، مرکز القادسیہ 4، لیک روڈ چوہدری، لاہور، س ن۔

### English (Reference Books)

1. Islamiyat for students by Farkhanda Noor Page, Feroz sons, 2008
2. Ma'ariful Qur'an volume 1, Mufti Muhammad Shafi, Maktaba-e-Darul Uloom, Karachi, 7<sup>th</sup> edition, 2009
3. The Qur'an English Meanings, Saheeh International
4. The Ulum al Qur'an by Ahmed Von Denffer, The Islamic Foundation
5. Islam belief and practices by Yasmin Malik, stafona publishers, 2017
6. Islamiyat in modern perspective by Aysha Tariq + Huma Naz, Stallion Publications, Revised edition 2011
7. Explanation to the Beautiful and Perfect Names of Allah by Shaikh Abdul Rahman Nasir as Sadi. Daarus Sunnah Publishers, Birmingham
8. The sealed Necter. Biography of the noble Prophet (PBUH) by Safiur Rahman Al-Mubarakpuri. Maktabah Daar-us-slam publishers and distributors, Saudi Arabia.UK. U.S.A. Pakistan
9. An introduction to Islamiyat. History, beliefs and practices. Nighat Farooq Bajwa. Oxford university press
10. Islam A companion book compiled by Khaled Fehmi. Revised and edited by Caren Knight (Kareema)

**Websites:**

<https://ia800602.us.archive.org/28/items/Uloom-ul-QuranByShaykhMuftiTaqiUsmani/Uloom-ul-QuranByShaykhMuftiTaqiUsmani.pdf>

<https://ia803201.us.archive.org/29/items/uloom-ul-quran-subhi-saleh/Uloom%20ul%20Quran%20Subhi%20Saleh.pdf>

[https://ia802607.us.archive.org/13/items/Uloom-Quran/00547\\_Al-Itqan-Fi-Uloom-il-Quran-1.pdf](https://ia802607.us.archive.org/13/items/Uloom-Quran/00547_Al-Itqan-Fi-Uloom-il-Quran-1.pdf)

<http://www.ziyaraat.net/booksTareekh/TareekhAlQuran.pdf>

<http://www.ziyaraat.net/booksQuran/TafseerFaslulKhitab-1.1.pdf>

[https://ia804508.us.archive.org/7/items/TafsirZia-ul-quranUrdu/ZiaulQuran\\_Vol1.pdf](https://ia804508.us.archive.org/7/items/TafsirZia-ul-quranUrdu/ZiaulQuran_Vol1.pdf)

[https://ia904508.us.archive.org/7/items/TafsirZia-ul-quranUrdu/ZiaulQuran\\_Vol2.pdf](https://ia904508.us.archive.org/7/items/TafsirZia-ul-quranUrdu/ZiaulQuran_Vol2.pdf)

[https://ia804508.us.archive.org/7/items/TafsirZia-ul-quranUrdu/ZiaulQuran\\_Vol3.pdf](https://ia804508.us.archive.org/7/items/TafsirZia-ul-quranUrdu/ZiaulQuran_Vol3.pdf)

<https://ia802700.us.archive.org/22/items/Maarif-ul-QuranEnglishShaykhMuftiMuhammadShafir.a/MaarifulQuran-Volume2-ShaykhMuftiMuhammadShafir.a.pdf>

<https://ia902700.us.archive.org/22/items/Maarif-ul-QuranEnglishShaykhMuftiMuhammadShafir.a/MaarifulQuran-Volume3-ShaykhMuftiMuhammadShafir.a.pdf>

<https://ia802700.us.archive.org/22/items/Maarif-ul-QuranEnglishShaykhMuftiMuhammadShafir.a/MaarifulQuran-Volume4-ShaykhMuftiMuhammadShafir.a.pdf>

<https://ia902700.us.archive.org/22/items/Maarif-ul-QuranEnglishShaykhMuftiMuhammadShafir.a/MaarifulQuran-Volume6-ShaykhMuftiMuhammadShafir.a.pdf>

<http://tafseerenamoona.net/assets/downloads/Tafseer-e-Namoona-Volume%203.pdf>

<http://tafseerenamoona.net/assets/downloads/Tafseer-e-Namoona-Volume%204.pdf>

<http://tafseerenamoona.net/assets/downloads/Tafseer-e-Namoona-Volume%206.pdf>

<http://tafseerenamoona.net/assets/downloads/Tafseer-e-Namoona-Volume%207.pdf>

<http://tafseerenamoona.net/download>

<https://ia601801.us.archive.org/19/items/von-denffer-ulum-al-quran/Von%20Denffer%20-%20Ulum%20Al-Quran.pdf>

<https://theislam360.com/>

<https://www.kalamullah.com/maariful-quran.html>

[https://books.kitabosunnat.com/Books\\_Data/1916/Aloom%20ul%20Hadees.pdf](https://books.kitabosunnat.com/Books_Data/1916/Aloom%20ul%20Hadees.pdf)

<https://ia600704.us.archive.org/27/items/TazkaraTulMuhadiseen/Tazkara%20Tul%20Muhadi seen.pdf>

<https://ia601903.us.archive.org/31/items/talhasnat/%D9%85%D8%B7%D8%A7%D9%84%D8%B9%DB%81%20%D8%AD%D8%AF%DB%8C%D8%AB%20%D8%AD%D9%86%DB%8C%D9%81%20%D9%86%D8%AF%D9%88%DB%8C.pdf>

[https://books.kitabosunnat.com/Books\\_Data/2800/Seerat-Al-Nabi-Az-Shibli%20\(%20Takhrej-Shuda-Audition%20\)-1.pdf](https://books.kitabosunnat.com/Books_Data/2800/Seerat-Al-Nabi-Az-Shibli%20(%20Takhrej-Shuda-Audition%20)-1.pdf)

[https://books.kitabosunnat.com/Books\\_Data/2800.01/Seerat-Al-Nabi-Az-Shibli%20\(%20Takhrej-Shuda-Audition%20\)-2.pdf](https://books.kitabosunnat.com/Books_Data/2800.01/Seerat-Al-Nabi-Az-Shibli%20(%20Takhrej-Shuda-Audition%20)-2.pdf)

[https://books.kitabosunnat.com/Books\\_Data/2800.02/Seerat-Al-Nabi-Az-Shibli%20\(%20Takhrej-Shuda-Audition%20\)-3.pdf](https://books.kitabosunnat.com/Books_Data/2800.02/Seerat-Al-Nabi-Az-Shibli%20(%20Takhrej-Shuda-Audition%20)-3.pdf)

[https://books.kitabosunnat.com/Books\\_Data/2800.03/Seerat-Al-Nabi-Az-Shibli%20\(%20Takhrej-Shuda-Audition%20\)-4.pdf](https://books.kitabosunnat.com/Books_Data/2800.03/Seerat-Al-Nabi-Az-Shibli%20(%20Takhrej-Shuda-Audition%20)-4.pdf)

[https://books.kitabosunnat.com/Books\\_Data/2800.04/Seerat-Al-Nabi-Az-Shibli%20\(%20Takhrej-Shuda-Audition%20\)-5.pdf](https://books.kitabosunnat.com/Books_Data/2800.04/Seerat-Al-Nabi-Az-Shibli%20(%20Takhrej-Shuda-Audition%20)-5.pdf)

[https://books.kitabosunnat.com/Books\\_Data/2800.05/Seerat-Al-Nabi-Az-Shibli%20\(%20Takhrej-Shuda-Audition%20\)-6.pdf](https://books.kitabosunnat.com/Books_Data/2800.05/Seerat-Al-Nabi-Az-Shibli%20(%20Takhrej-Shuda-Audition%20)-6.pdf)

<http://www.ziyaraat.net/booksTareekh/HayateMuhammad.pdf>

<https://ia902609.us.archive.org/16/items/Ar-raheeqAl-makhtumurdu/Ar-raheeqAl-makhtumurdu.pdf>

<https://www.rekhta.org/ebooks/islami-nazariya-e-hayat-khursheed-ahmad-ebooks-1>

<https://ia600201.us.archive.org/15/items/Arkan.E.Islam/Arkan%20e%20Islam.pdf>

[https://books.kitabosunnat.com/Books\\_Data/2364/Islam%20Ka%20Maasharti%20Nizam.pdf](https://books.kitabosunnat.com/Books_Data/2364/Islam%20Ka%20Maasharti%20Nizam.pdf)

[https://books.kitabosunnat.com/Books\\_Data/2461/Islami-Nizame-Taleem.pdf](https://books.kitabosunnat.com/Books_Data/2461/Islami-Nizame-Taleem.pdf)

<https://ia801903.us.archive.org/6/items/14Sitaray/14Sitaray.pdf>

<https://ia803200.us.archive.org/30/items/fazail-e-ahle-bait/FAZAIL-E-AHLE%20BAIT.pdf>

<http://www.shiabooksforchildren.com/wp-content/uploads/2016/06/AAB-pageset-after-editing-final-28-0-2008.pdf>

<https://www.kalamullah.com/Books/Explanation%20to%20the%20Beautiful%20and%20Perfect%20Names%20of%20Allah.pdf>

[https://ia802905.us.archive.org/22/items/the-sealed-nectar-ar-raheeq-al-makhtum-english/Ar-Raheeq\\_Al-Makhtum\\_\(The\\_Sealed\\_Nectar\)\\_English\\_\(www.TheChoice.one\).pdf](https://ia802905.us.archive.org/22/items/the-sealed-nectar-ar-raheeq-al-makhtum-english/Ar-Raheeq_Al-Makhtum_(The_Sealed_Nectar)_English_(www.TheChoice.one).pdf)

<https://alrashidmosque.ca/wp-content/uploads/2019/05/Islam-a-Companion-Book.pdf>

<http://s745899874.online-home.ca/KB/Mashaheer-e-Islam%20U-16997/WQB.pdf>

<https://www.rekhta.org/ebooks/chand-mashhoor-tabeeb-aur-science-daan-unknown-author-ebooks?lang=ur>



## Sciences

### **Biology**

#### **Recommended Key Textbooks:**

*Textbook of Biology Grade 9*, Punjab Textbook Board, Lahore

*Textbook of Biology Grade 10*, Punjab Textbook Board, Lahore

*Textbook of Biology Grade 9*, National Book Foundation, Islamabad

*Textbook of Biology Grade 10*, National Book Foundation, Islamabad

#### **Reference Books:**

Mackean D. G. (2<sup>nd</sup> Edition). IGCSE Biology. Hodder Education. London.

Advanced Biology by Michael Kent Oxford University Press

Kwan Pang L. and Lam Eric YK (2004). *Biology A course for "O Level."* Singapore: Federal Publication

Kwan Pang L. and Lam Eric YK. *Biology Matters GCE 'O' Level Second*

#### **Websites:**

<https://opentextbc.ca/biology/chapter/1-2-the-process-of-science/>

<https://rwu.pressbooks.pub/bio103/chapter/membrane-transport/>

<https://byjus.com/biology/cell-organelles/>

<https://labs.plb.ucdavis.edu/courses/bis/1c/text/Chapter10nf.pdf>

<https://bioprinciples.biosci.gatech.edu/module-4-genes-and-genomes/4-1-cell-division-mitosis-and-meiosis/>

## **Chemistry**

#### **Recommended Key Textbooks:**

*Chemistry for Grade 9*, National Book Foundation, Islamabad

*Chemistry for Grade 10*, National Book Foundation, Islamabad

#### **Reference Books:**

*Chemistry 9 and 10*, Caravan Book House, Lahore

*Chemistry for IX and X* Sindh Textbook Board, Jamshoro

*Chemistry for Class 9 and 10*, Punjab Textbook Board, Lahore

*Chemistry for Class 11*. Punjab Textbook Board, Lahore

*Chemistry for Grade 12*, National Book Foundation, Islamabad

Tan Yin Toon, Chen Ling Kwong, John Sadler and Emily Clare, *Chemistry Matters G.C.E 'O' level*, Marshall Cavendish Education

Christopher N. Prescott, *Chemistry, A Course for 'O' Level*, Marshall Cavendish Education

Rose Marie Gallagher and Paul Ingram, *Complete Chemistry*, Oxford University Press

Dr Rex M. Heyworth and J. G. R. Briggs, *All About Chemistry 'O' Level*, Hodder Education

Singapore

**Websites:**

<https://www.usetute.com.au/index.html>

<https://www.chemguide.co.uk>

<https://www.bbc.co.uk/bitesize/subjects/znxytyrd>

<https://www.youtube.com/watch?v=kYTCruQZdaU>

[https://www.youtube.com/watch?v=1g\\_psVD4bl0&list=PLE12331E9AB4BAE14](https://www.youtube.com/watch?v=1g_psVD4bl0&list=PLE12331E9AB4BAE14)

<https://www.onlinemathlearning.com/reactivity-series.html>

<https://byjus.com/jee/hydrocarbons/>

[http://glencoe.mheducation.com/sites/9834092339/student\\_view0/chapter3/protein\\_denaturation.html](http://glencoe.mheducation.com/sites/9834092339/student_view0/chapter3/protein_denaturation.html)

<https://www.youtube.com/watch?v=O5uqdxQyJj8>

<https://www.britannica.com/science/agricultural-sciences>

<https://www.britannica.com/science/nutrition>

**Physics**

**Recommended Key Textbooks:**

Punjab Textbook Board (2012). *Physics 9*. Lahore: Punjab Textbook Board

Punjab Textbook Board (2012). *Physics 10*. Lahore: Punjab Textbook Board

**Reference Books:**

John Avison, (Rev Edition). *The World of Physics*. Nelson

Duncan, Tom and Kennett, Heather. South Asia Edition, *Cambridge IGCSE Physics*, (3'd Ed). Hodder Edition

Abbot, A. F. (1989). *Physics*. India: Heinemann Educational Publishers

Sindh Textbook Board (2017). *A Textbook of Physics for Classes IX and X*. Jamshoro: Sindh Textbook Board

**Websites:**

<http://phet.colorado.edu/>

<http://www.123physics.com>

<http://www.physicsclassroom.com/class>

[www.particleadventure.org](http://www.particleadventure.org)

## General Science

### Recommended Key Textbook:

*General Science 9 & 10*. National Book Foundation. Islamabad: Federal Textbook Board

### Reference Books:

Punjab Curriculum and Textbook Board, Lahore. *General Science 9 & 10*

Sindh Textbook Board Jamshoro. *A Textbook of General Science for Classes IX and X*

*New Lower Secondary Science 1* EPB Pan Pacific

*New Lower Secondary Science 2* EPB Pan Pacific

### Websites:

<http://engineering.nyu.edu/gk12/amps-cbri/pdf/Intro%20to%20Electricity.pdf>

<https://revision.co.zw/notes/ordinary-level-notes/science-o-level-notes/>

<http://engineering.nyu.edu/gk12/amps-cbri/pdf/Basic%20Electronics.pdf>

<https://www.engineeringenotes.com/industrial-engineering/metals/list-of-metals-used-in-industries-industrial-engineering/36098>

<https://www.biologyonline.com/dictionary/carrying-capacity>

## Food & Nutrition

### Recommended Key Textbooks:

*Food & Nutrition by Anita Tull Oxford University Press Class 9*

*Food & Nutrition by Anita Tull Oxford University Press Class 10*

### Reference Books:

*Food Science and Safety* by Sukhneet Suri and Anita Malhotra, Pearson

Dr. Mrs Zahida Yaqoob Mir, *Ilmi Food and Nutrition for Class XI*, Salman Publishers, Ilmi Book House Lahore

*Home Economics Standard Grades* by Alastair MacGregor, published by Leckie & Leckie

Ethel Su-Hsin Chong, Joyce Chiu-Fui Mok, *Home Economics and You*, EPB and Pan Pacific Publications

### Websites:

<https://www.healthline.com>

<https://www.mayoclinic.org/diseases-conditions/food-allergy/expert-answers/food-allergy/faq-20058538>

<https://www.webmd.com/digestive-disorders/causes-lactose-intolerance#1>

## Computer Science

### Recommended Key Textbooks:

Mohammad Sajjad Hedar and Mohammad Khalid. *Textbook of Computer Science Grade 9*, National Book Foundation, Islamabad

Mohammad Sajjad Hedar, Mohammad Khalid. *Textbook of Computer Science Grade 10*, National Book Foundation, Islamabad

### Reference Books:

David Watson and Helen Williams. *Cambridge IGCSE Computer Science* (2015)

Yashavant P. Kanetkar, *Let Us C* (5th Edition)

### Websites:

[IGCSE ICT - Theory Notes | IGCSE ICT](#)

[Computer Fundamentals Tutorial \(tutorialspoint.com\)](#)

<https://www.geeksforgeeks.org/operating-systems-need-and-functions/>

[Microsoft 365 Training](#)

[HTML Tutorial \(w3schools.com\)](#)

[C Tutorial \(tutorialspoint.com\)](#)

[Learn C - Free Interactive C Tutorial \(learn-c.org\)](#)

<https://revisionforigcse.wordpress.com/chapter-8-security-and-ethics/>

## Environmental Studies

### Recommended Key Textbook:

*The Environment of Pakistan* by Huma Naz Sethi, Peak Publishing

### Reference Books:

*Perspective in Environmental Studies* by Anubha Kaushik, C. P. Kaushik, New Age International Publishers

*Environmental Science* by Daniel D. Chiras

*Living in the Environment: Principles, Connections, and Solutions* by G. Tyler Miller, Thomson Brooks/Cole, 2005

*Environmental Management* by John Pallister, Oxford University Press

*Environmental Science* by Karen Arms, Holt, Rinehart and Winston

*Essentials of Environmental Science* by N. Vasudevan, Narosa Publishing House Pvt. Ltd.

*Environmental Science: Systems and Solutions* by Michael L. McKinney, Robert M. Schoch, Logan Yonavjak

*Environmental Science: A global Concern* by P. Cunningham and Marry Ann Cunningham,  
McGraw Hill

**Websites:**

[https://www.lpi.usra.edu/education/explore/our\\_place/hab\\_ref\\_table.pdf](https://www.lpi.usra.edu/education/explore/our_place/hab_ref_table.pdf)

<https://spaceplace.nasa.gov/seasons/en/>

<https://byjus.com/physics/difference-between-equinox-and-solstice/>

<https://education.nationalgeographic.org/resource/ecosystem>

<http://worldpopulationreview.com/countries/pakistan-population/>

<https://www.conserve-energy-future.com>

<https://www.globalissues.org/article/170/why-is-biodiversity-important-who-cares>

<https://www.nationalgeographic.org/encyclopedia/endangered-species/>

<https://www.britannica.com/topic/social-change>

<https://www.economicshelp.org/blog/2445/economics/quality-of-life-indicators/>

<https://www.britannica.com/science/wetland>

<https://www.environmentalscience.org/environmental-management-history>

[www.fao.org/docrep/V8350E/v8350e06.htm](http://www.fao.org/docrep/V8350E/v8350e06.htm)

## Humanities

### **Pakistan Studies**

#### **Recommended Key Textbooks:**

##### **English Medium:**

Huma Naz Sethi. *Environment of Pakistan (2017)*. Peak Publisher

Pakistan History, Culture and Government by Nigel Smith published by Oxford University Press

##### **Urdu Medium:**

مطالعہ پاکستان برائے نهم و دہم by Dr Abdul Qadir Khan published by National Book Foundation, Islamabad

##### **Reference Books:**

*Pakistan Studies* by Ikram Rabbani published by Caravan Book House

*Pakistan Studies for IX-X* published by Sindh Textbook Board, Jamshoro Sindh

مطالعہ پاکستان 9 published by Punjab Textbook Board, Lahore

*Pakistan History, Culture and Government* by Nigel Smith published by Oxford University Press

*Pakistan Studies Intermediate* by Dr Abdul Qadir Khan published by National Book Foundation, Islamabad

*Pakistan Geography, Economy & people* by Fazle Karim Khan published by Oxford University Press

##### **Websites:**

<https://storyofpakistan.com/>

<https://historypak.com/>

<http://surveyofpakistan.gov.pk/Download>

<http://www.columbia.edu/itc/mealac/pritchett/00maplinks/modern/maps1947/maps1947.html>

<https://americandiplomacy.web.unc.edu/2002/02/the-1947-partition-drawing-the-indo-pakistani-boundary/>

<https://www.pbs.gov.pk/>

<https://na.gov.pk/en/content.php?id=74>

<http://www.jinnahofpakistan.com/p/speeches.html>

## Civics

### Recommended Key Textbooks:

Mazhar-ul-Haq. *Elements of Civics*, Bookland

Mazhar-ul-Haq. *Civics of Pakistan*, Bookland

### Reference Textbooks:

Sociology by John. J. Macionis fourteenth edition. PEARSON

Farooq Naseem Bajwa *Pakistan A historical and Contemporary Look*. Oxford University Press, Pakistan

Hamid Khan *Constitutional and Political History of Pakistan 2001*. Oxford University Press, Pakistan

Abdul Sattar *Pakistan's Foreign Policy 1947-2016, A Concise History* Oxford University Press, Pakistan

### Websites:

<https://www.ecp.gov.pk/frmGenericPage.aspx?PageID=3031>

[http://webcache.googleusercontent.com/search?q=cache:http://www.io\\_srjournals.org/iosr-jmce/papers/vol13-issue4/Version-7/S130407140152.pdf](http://webcache.googleusercontent.com/search?q=cache:http://www.io_srjournals.org/iosr-jmce/papers/vol13-issue4/Version-7/S130407140152.pdf)

<https://sites.google.com/site/cabinetmissionplan/speeches-and-statements-by-jinnah-1943-1945>

## History of Pakistan

### Reference Textbooks:

Nigel Smith *Pakistan: History, Culture and Government (2009)*. Oxford University Press, Pakistan

Farooq Naseem Bajwa *Pakistan A historical and Contemporary Look*. Oxford University Press, Pakistan

9 مطالعہ پاکستان published by G.F.H. Publisher, Urdu Bazar Lahore

Pakistan Studies 10 published by Gohar Publisher, Urdu Bazar Lahore

### Websites:

<https://www.valdosta.edu/history/documents/what-is-history.pdf>

<https://www.newworldencyclopedia.org/entry/History>

<https://guides.lib.uw.edu/c.php?g=344285&p=2580599>

<https://www.cpsglobal.org/content/how-were-hadith-compiled>

<https://www.arabnews.com/news/456413>

<https://www.britannica.com/biography/al-Tabari>

<https://www.thoughtco.com/ibn-khaldun-profile-1789066>

<https://storyofpakistan.com/al-biruni/>

[https://gajrc.com/media/features\\_articles/GAJHSS\\_11\\_1-5.pdf](https://gajrc.com/media/features_articles/GAJHSS_11_1-5.pdf)

<https://storyofpakistan.com/ziauddin-barani/>

<https://www.rekhta.org/authors/shibli-nomani/profile>

<https://www.sociologygroup.com/elements-of-culture-basic-elements-of-culture/>

<https://www.britannica.com/event/Stone-Age/Neolithic>

<https://www.khanacademy.org/humanities/world-history/world-history-beginnings/ancient-egypt-hittites/a/egypt-article>

<https://www.khanacademy.org/humanities/world-history/ancient-medieval/classical-greece/a/greek-culture>

<https://www.history.com/topics/ancient-history/alexander-the-great>

<https://www.skyscrapercity.com/threads/ancient-pakistan-mehrgarh-indus-gandhara.1819608/>

<https://www.britannica.com/biography/John-Hubert-Marshall>

<https://llamamag.com/2021/06/30/how-much-of-an-influence-did-the-greeks-have-on-indian-subcontinent-culture/>

<https://courses.lumenlearning.com/suny-hccc-worldcivilization/chapter/the-indo-aryan-migration-and-the-vedic-period/>

[https://www.historians.org/about-aha-and-membership/aha-history-and-archives/historical-archives/american-history-in-schools-and-colleges-\(1944\)/chapter-5-history-among-the-social-studies](https://www.historians.org/about-aha-and-membership/aha-history-and-archives/historical-archives/american-history-in-schools-and-colleges-(1944)/chapter-5-history-among-the-social-studies)

<https://historypak.com/mahmoods-invasions/>

[https://www.pakpedia.pk/shahab-ud-din-muhammad-ghori/#Victory\\_in\\_the\\_Second\\_Battle\\_of\\_Tarain\\_1192](https://www.pakpedia.pk/shahab-ud-din-muhammad-ghori/#Victory_in_the_Second_Battle_of_Tarain_1192)

<https://www.britannica.com/place/Delhi-sultanate>

<https://www.britannica.com/topic/Mughal-dynasty/Akbar-the-Great-and-the-consolidation-of-the-empire>

<https://leverageedu.com/blog/battle-of-buxar/>

<https://historypak.com/battle-buxer/>

<https://historypak.com/mysore-wars/>

<https://historypak.com/sirajuddullah/>

<https://historypak.com/hyder-ali/>



[https://www.jstor.org/stable/44156615?seq=4#metadata\\_info\\_tab\\_contents](https://www.jstor.org/stable/44156615?seq=4#metadata_info_tab_contents)

<https://www.smiu.edu.pk/about/history>

<https://www.smiu.edu.pk/pdf/Hassanally-Effendi-Scan-Book.pdf>

<https://peoplepill.com/people/fatima-begum>

<https://historypak.com/sir-gha-khan/>

<https://www.britannica.com/biography/Aga-Khan-III>

## **Art & Model Drawing**

### **Recommended Key Textbooks:**

Hussain, M. *Aspects of Arts*. Oxford University Press, Pakistan

Sirhindi, M. N. *Contemporary Painting in Pakistan*. Feroz sons Private Limited

Jairazbhoy, *An Outline of Islamic Architecture*. Oxford University Press, Pakistan

### **Reference Textbooks:**

Buckner, R. *Art and Design Book Two*. AAD-Robin Buckner. Printed in Hong Kong

Hassan, I. *Paintings in Pakistan*. Feroz sons Private Limited

*Drawing from the Right Side of the Brain* by Edward, B

Chaudhry, N. A. Harappa – *The Cradle of Civilisation*. Sang-e-Meel Publications, Lahore

Ihsan, H. Nadeem Mohenjo-Daro – *Heritage of Mankind*. Sang-e-Meel Publications, Lahore

Sheila, S. Blair & Jonathan *Art and Architecture of Islam*

*The Mughal Emperors* Author: Robinson, F. Published by Thames & Hudson

*Visions of Divinity - The art of Gandhara*. Published by Mohatta Palace Museum

*The Fundamentals of Drawing* – Barbert, B. Published by Arcturus (2016)

### **Websites:**

<https://www.khanacademy.org/humanities/world-history/world-history-beginnings/ancient-india/a/the-indus-river-valley-civilizations>

<https://www.khanacademy.org/humanities/art-asia/south-asia/buddhist-art2/a/the-caves-of-ajanta>

<https://www.youtube.com/watch?v=InmFDhVyszW>

<https://www.khanacademy.org/humanities/art-islam/islamic-art-late-period/a/illustration-from-the-akbarnama>

<https://www.archdaily.com/157683/ad-classics-mazar-e-quaid-national-mausoleum-yahya-merchant>

## History & Geography of Pakistan

### Recommended Key Textbook:

Huma Naz Sethi *Environment of Pakistan* (2017). Peak Publisher

### Reference Books:

Fazle Karim Khan *Pakistan geography, economy and people* (2015). Oxford University Press, Pakistan

Pallister, J. *Environmental Management* (2005). Oxford University Press, Pakistan

### Websites:

<https://www.flashparking.com/blog/the-impact-of-urbanization/>

<https://www.yourarticlelibrary.com/towns/8-main-functions-of-a-town/42414>

## Geography

### Websites:

<https://classnotes.ng/lesson/introsduction-to-geography-meaning-nature-scopeand-value-of-geography-geography->

<https://old.amu.ac.in/emp/studym/100000047.pdf>

[http://www.euhou.net/docupload/files/island\\_universe.pdf](http://www.euhou.net/docupload/files/island_universe.pdf)

<https://www.slideshare.net/AliUsman10/muslim-contributions-in-geography>

<https://sciencing.com/ordinal-position-planets-7019.html>

[https://www.nasa.gov/sites/default/files/files/YOSS\\_Act1.pdf](https://www.nasa.gov/sites/default/files/files/YOSS_Act1.pdf)

<https://oceanservice.noaa.gov/facts/earth-round.html>

<https://www.youtube.com/watch?v=CqkQv617bcw>

<https://education.nationalgeographic.org/resource/map>

<https://sites.google.com/site/kickstarttogeography/extra-credit/calculating-gradient>

<https://www.bushwalking101.org/interpreting-map-features/#>

<https://geology.com/maps/types-of-maps/>

<https://www.britannica.com/science/latitude>

<https://www.nationalgeographic.org/encyclopedia/date-line/#>

<https://geology.com/nsta/earth-internal-structure.shtml>

<https://www.mometrix.com/academy/geographical-features/>

<https://www.coursehero.com/study-guides/wmopen-geology/outcome-theory-of-plate-tectonics/>

<https://www.avelgeography.com/the-long-profile-changing-processes-types-of-erosion-transportation-and-deposition/>

<https://opentextbc.ca/geology/chapter/17-2-landforms-of-coastal-erosion/>

<https://www.pmfias.com/marginal-seas-bay-gulf-strait-isthmus/>

<https://www.britannica.com/science/ocean-current/Two-types-of-ocean-circulation>

<https://sciencing.com/causes-differences-pressure-result-wind-5119.html>

[https://oceanservice.noaa.gov/education/tutorial\\_tides/tides02\\_cause.html](https://oceanservice.noaa.gov/education/tutorial_tides/tides02_cause.html)

<https://www.britannica.com/science/coastal-landform/Tides>

<https://www.iwr.usace.army.mil/Missions/Coasts/Tales-of-the-Coast/Coastal-Dynamics/Tides/Coastal-Effects-of-Tides/>

<https://sciencing.com/animals-depend-tides-survival-8075047.html>

<https://education.nationalgeographic.org/resource/atmosphere>

[https://www.britannica.com/science/water-cycle\\_CLOUD\\_DEVELOPMENT\\_\(weather.gov\)](https://www.britannica.com/science/water-cycle_CLOUD_DEVELOPMENT_(weather.gov))

<https://www.vedantu.com/physics/types-of-wind>

<https://www.yourarticlelibrary.com/geography/13-major-natural-regions-of-the-world/12723>

<https://sciencing.com/six-major-climate-regions-5382606.html>

<https://www.yourarticlelibrary.com/sociology/rural-sociology/rural-community-top-10-characteristics-of-the-rural-community-explained/34968>

<https://www.zameen.com/blog/katchi-abadi-part-1.html>

<https://www.bbc.co.uk/bitesize/guides/z3n9gdm/revision/1>

[https://www.coolgeography.co.uk/advanced/Urban\\_Processes.php](https://www.coolgeography.co.uk/advanced/Urban_Processes.php)

<https://www.infotrack.com.au/news-and-insights/key-factors-in-urban-planning/>

<https://www.eagleview.com/government/5-key-factors-in-urban-planning>

<https://www.geographyrealm.com/sub-branches-human-geography/>

<https://www.yourarticlelibrary.com/population-geography/5-major-sources-of-collecting-population-data/43086>

<https://pediaa.com/difference-between-population-density-and-population-distribution/>

<https://www.sociologydiscussion.com/communication/migration/migration-meaning-types-and-effects/3112>

<https://kullabs.com/class-10/environment-population-and-health-10/demography/factors-affecting-migration>

<https://nhsrc.gov.pk/Detail/YWFhNTZjYWVtMTI0MS00Y2VmLTk2NmMtZGQ2OGNiZDBmM2Nh>

<https://extension.psu.edu/renewable-and-nonrenewable-resources>

<https://www.clearias.com/sectors-of-economy-primary-secondary-tertiary-quaternary-quinary/>

<https://www.jotscroll.com/forums/3/posts/192/modes-of-transport-five-5-types-of-transportation.html>

[https://www.geo.fu-berlin.de/en/v/geolearning/glossary/natural\\_resources/index.html](https://www.geo.fu-berlin.de/en/v/geolearning/glossary/natural_resources/index.html)

<https://byjus.com/chemistry/natural-resources-pdf/>

<https://www.futurelearn.com/info/courses/introduction-to-environmental-science/0/steps/269824>

<https://terrapass.com/blog/climate-change-battle-causes-effects-and-solutions>

<https://en.unesco.org/themes/education-sustainable-development/what-is-esd/sd>

<https://archive.pakistantoday.com.pk/2013/08/26/why-renewable-energy-is-important-to-pakistan/>

<https://slideplayer.com/slide/3099418/>

## Ethics

### Websites:

<https://www.gktoday.in/gk/four-branches-of-ethics/>

<https://weneedethics.wordpress.com/three-branches-of-ethics/>

[https://www.shs-conferences.org/articles/shsconf/pdf/2016/04/shsconf\\_ erpa2016\\_01019.pdf](https://www.shs-conferences.org/articles/shsconf/pdf/2016/04/shsconf_ erpa2016_01019.pdf)

<http://www.philosophyofreligion.info/theistic-proofs/the-cosmological-argument/>

<https://www.thoughtco.com/atheist-vs-agnostic-whats-the-difference-248040>

[https://d1.islamhouse.com/data/en/ih\\_books/single/en\\_Concept\\_of\\_God\\_in\\_Major\\_Religions.pdf](https://d1.islamhouse.com/data/en/ih_books/single/en_Concept_of_God_in_Major_Religions.pdf)

<http://www.bbc.co.uk/religion/religions/>

<http://www.differencebetween.net/miscellaneous/difference-between-morals-and-values/>

<https://www.thoughtco.com/kantian-ethics-moral-philosophy-immanuel-kant-4045398>

<https://www3.nd.edu/~afreddos/courses/180/nicomach.htm>

[http://www.un.org/en/udhrbook/pdf/udhr\\_booklet\\_en\\_web.pdf](http://www.un.org/en/udhrbook/pdf/udhr_booklet_en_web.pdf)

<https://study.com/academy/lesson/what-is-tolerance-definition-types-examples.html>

<https://ghazali.org/articles/hmp-4-30.htm>

<https://www.biography.com/people/florence-nightingale-9423539>

<https://www.sriaurobindoashram.org/sriaurobindo/>

<https://www.britannica.com/biography/Sri-Aurobindo>

## Elements of Home Economics

### Recommended Key Textbook:

*Textbook of Elements of Home Economics Class 9 and 10*, New Star Book Depot Educational Publishers

### Reference Textbooks:

Faqiha Abbas and Sajida Ejaz, *A textbook of Home Economics Class 9 and 10*, New Star Book Depot Educational Publishers

Rubina Hakim, *Towards a Better Home*, Sheikh Publications

Ethel Su-Hsin Chong, Joyce Chiu-Fui Mok, *Home Economics and You*, EPB and Pan Pacific Publications

Anita Tull, *Food and Nutrition*, Oxford University Press

Isabel Wingate, *Textile Fabrics and Their Selection*, Prentice-Hall Publishers

Anita Webb-Lupo, *Clothing Decisions: Teacher's Resource Guide*, Glencoe/McGraw-Hill School Publishing Company

Dorothy Siegert Lyle, Jeanne Brinkley, *Contemporary Clothing*, Glencoe/McGraw-Hill Publishers

Jeanette Weber, *Clothing: Fashion, Fabric, Construction*, Glencoe Publishers

Bettye B. Swanson, *Introduction to Home Management*, Macmillan Publishers

Anubha Kaushik and C.P. Kaushik *Perspective of Environmental Studies*, NewAge International Publishers

### **Websites**

<http://www.eschooltoday.com/>

<https://www.reference.com/home-garden/sanitation-important-6f98ffe362ae4aea#>

<https://en.wikipedia.org/wiki/Sanitation#Types>

<http://expressrecyclingandsanitation.com/2014/08/25/sanitation-methods-importance-of-waste-management/#sthash.M7hyuwli.dpbs>

<https://www.safewise.com/blog/safety-hazards-to-watch-out-for-around-the-house/>

## Commerce

### Economics

#### **Recommended Key Textbook:**

Habibullah, V. (2014-15). *Fundamentals of Economics Part-I & Part II*. Lahore: F. C. College, Farhan Publisher

#### **Websites**

<https://www.khanacademy.org/economics-finance-domain/microeconomics/choices-opp-cost-tutorial/production-possibilities/v/opportunity-cost>

<https://www.khanacademy.org/economics-finance-domain/microeconomics/choices-opp-cost-tutorial/marginal-utility-tutorial/v/marginal-utility>

<https://www.khanacademy.org/economics-finance-domain/macroeconomics/gdp-topic/econ-intro-in-macro-tutorial/v/introduction-to-economics>

<http://www.investopedia.com/terms/l/lawofdemand.asp>

<http://www.investopedia.com/terms/l/lawofsupply.asp>

<http://study.com/academy/lesson/law-of-supply-definition-example.html>

<http://www.sbp.org.pk/library/lib-list7.pdf>

<http://www.finance.gov.pk/index.html>

## **Business Studies**

### **Recommended Key Textbook:**

Borrington, K. and Stimpson, P. (2018-19). Business Studies (Fifth Edition)  
London: Hodder Education. (South Asia Edition)

### **Websites:**

<https://www.igcsebusiness.co.uk/1-business-activity.html>

<https://sites.google.com/site/nusaalamigcsebusinessstudies/1-1-business-activity>

<https://myeducite.com/uploads/Cambridge%20IGCSE%20Business%20Studies%204th%20edition.pdf>

<https://www.youtube.com/watch?v=jadJUYXk4tI>

<https://www.youtube.com/watch?v=MvSw4hDIslc>

<https://www.youtube.com/watch?v=BmjSFxn4IE4>

<https://www.youtube.com/watch?v=U4NUR5igBSQ>

<https://www.youtube.com/watch?v=S2JFhVLoCHs>

<https://www.youtube.com/watch?v=8pmhEywsepg>

## **Principles of Accounting**

### **Recommended Key Textbooks:**

M.A Ghani, V. (2007-08). Principles of Accounting, Principles & Practices.  
Pak Imperial Book Depot Lahore

Frankwood and Alan Sangster (2016). Business Accounting (ninth or thirteenth edition)  
Harlow, England Pearson, 2016

### **Recommended Key Practice book:**

Syed Iftikhar Ali, V. (2015-16). *Commerce Accounting, XI-XII (4S series)*.  
Petiwala Book Depot Karachi

### **Websites**

<https://www.accountingcoach.com/terms>

<http://booksoforiginalentry.blogspot.com/>

<http://accounting-simplified.com/financial/fixed-assets/depreciation-methods/>

<https://www.accountingcoach.com/blog/what-is-bad-debts-expense>

<https://www.accountingtools.com/articles/what-is-the-accounting-entry-for-depreciation.html>



<http://accountinginfo.com/study/dep/depreciation-01.htm>

<http://accountingexplained.com/financial/receivables/bad-debts>

<http://accounting-simplified.com/accounting-for-doubtful-debts.html>

<https://www.accountingcoach.com/accounts-receivable-and-bad-debts-expense/explanation>

<http://accounting-simplified.com/financial/fixed-assets/depreciation-methods/>

<https://www.accountingcoach.com/depreciation/explanation>

<http://accounting-simplified.com/accounting-for-doubtful-debts.html>

## Mathematics

### **Recommended Key Textbooks:**

*Mathematics X*, Punjab Textbook Board (for science group)

*Mathematics IX*, Punjab Textbook Board (for science group)

*General Mathematics X* (English Version), Punjab Textbook Board (for general group)

*General Mathematics IX* (English Version), Punjab Textbook Board (for general group)

### **Reference Books:**

*A Course for O-Level Pure Mathematics, Additional Mathematics 5<sup>th</sup> edition*, Ang Tong Woon, Cheah Tat Huat, Khor Gark Kim, Weong Wei Ching and Tan Beng Theam

*New Additional Mathematics*, Ho Soo Thong, Khor Nyak Hiong

*Oxford New Syllabus Mathematics Book 1*, 7<sup>th</sup> edition, Dr. Joseph Yeo, The Keng Seng, Loh Cheng Yee, Ivy Chow, Neo Chai Meng, Jacinth Liew

*Oxford New Syllabus Mathematics Book 2*, 7<sup>th</sup> edition, Dr. Joseph Yeo, The Keng Seng, Loh Cheng Yee, Ivy Chow, Neo Chai Meng, Jacinth Liew

*Oxford New Syllabus Mathematics Book 3*, 7<sup>th</sup> edition, Dr. Joseph Yeo, The Keng Seng, Loh Cheng Yee, Ivy Chow, Neo Chai Meng, Jacinth Liew

*Oxford New Syllabus Mathematics Book 4*, 7<sup>th</sup> edition, Dr. Joseph Yeo, The Keng Seng, Loh Cheng Yee, Ivy Chow, Neo Chai Meng, Jacinth Liew

*Maths Ahead, Student Book 3*, by Syed Muhammad Danish, Mohsin Ali, Chow Wali Keung, Yong Fook Meng. (SSC + HSSC)

*Cambridge IGCSE Mathematics, Second Edition (Updated with CD)* by Ric Pimentel and Terry Wall (SSC)

*Cambridge IGCSE and O Levels Additional Mathematics Coursebook*, Second Edition by Sue Pemberton (HSSC + SSC)

*Addison-Wesley Algebra*, by Stanley Smith (Author), Randall Charles (Author), John Dossey (Author), Mervin Keedy (Author), Mervin Bittinger, Addison-Wesley publishing company

*College Algebra: Concepts and Models 5th Edition*, by Ron Larson, Houghton Mifflin College Div; 5th edition (March 10, 2005)

### **Online Reference Books**

Cambridge IGCSE Mathematics Core and Extended by Ric Pimentel, Terry Wall,  
<https://www.pdfdrive.com/cambridge-igcse-mathematics-core-extended-d183776202.html>

Glencoe McGraw-Hill California Algebra 1 - 5, Concept, Skills and Problem Solving,  
<https://www.pdfdrive.com/california-geometry-concepts-skills-and-problem-solving-d158732694.html>

Complete International Mathematics for Cambridge IGCSE by David Rayner, Jim Fensom,  
<https://www.pdfdrive.com/complete-additional-mathematics-for-cambridge-igcse-o-level-d156617287.html>

Complete Additional Mathematics for Cambridge IGCSE® & O Level by Tony Breadsworth,  
<https://www.pdfdrive.com/complete-additional-mathematics-for-cambridge-igcse-o-level-d156617287.html>

Basic Mathematics for College Students (4th Edition) by Alan S. Tussy, R. David, Gustafson, Diane Koenig, <https://www.booksfree.org/basic-mathematics-for-college-students-4th-edition-pdf-new/>

Elementary College Geometry (2021 ed.) by Henry Africk,  
[https://academicworks.cuny.edu/cgi/viewcontent.cgi?article=1051&context=ny\\_oers](https://academicworks.cuny.edu/cgi/viewcontent.cgi?article=1051&context=ny_oers)

College Trigonometry by Carl Stitz and Jeff Zeager, <https://www.stitz-zeager.com/szct07042013.pdf>

College Algebra by Carl Stitz, Jeff Zeager,  
<https://people.math.wisc.edu/~jwrobbin/112online/UWCABook.pdf>