Table of Contents
This is the table of contents for the book Information Technology in a Global Society for the IB Diploma, by Stuart Gray. This is the first textbook written specifically for the new IB ITGS syllabus, covering IT systems, social impacts and ethical issues, and each area of application. The text provides engaging content that blends clear examples of technical concepts with consideration of social issues. Discussion points for extended independent learning and complete, modern examples are included to enhance teaching and understanding, and ensure students get the best possible experience from the ITGS course.

Textbook features include:
- Clear objectives for each chapter, tied directly to the ITGS syllabus, so you can be sure that all aspects of the course are being covered.
- Course content is explained through clear and up to date examples, plus historical context.
- Over 200 varied exercises, mixing ethical discussion points, classroom exercises, practical activities, and exam style questions to cover the syllabus content from a variety of assessment angles. Theory of Knowledge (TOK) links are included, enabling integration with the IB core hexagon.
- Over 300 diagrams, photographs, and illustrations to bring topics alive.
- Key language review for every chapter, plus a complete glossary of ITGS terminology.
- Fully cited examples in every chapter mean students can extend their learning with wider reading—an essential part of IB courses.
- Online support to extend learning with additional case studies, links, and activities.

Support material, including additional exercises, further reading and book purchasing information, can be found at the book’s website www.itgstextbook.com
Using this textbook

Information Technology in a Global Society is the first textbook written specifically for the new IB Information Technology in a Global Society syllabus, covering technical systems, social impacts and ethical issues, and each area of application. The book has a number of features to enhance teaching and understanding and ensure students get the best experience possible from the ITGS course.

Chapter Contents

Each chapter starts with a set of clear objectives tied directly to the ITGS syllabus, so you can be sure that all aspects of the course are being covered.

The course content is covered through up to date examples, supported by varied exercises, with a mix of ethical discussion points, classroom activities, guided and unguided practical activities, and exam style questions to cover the syllabus content from a variety of assessment angles. Theory of Knowledge (TOK) links are provided where appropriate, enabling integration with the IB core. The fully cited examples in each chapter mean students can extend their learning with wider reading—an essential part of IB courses.

Each chapter is illustrated with clear photographs and original diagrams to highlight and clarify key points and concepts. Common mistakes, based on the author’s experience with ITGS students and examination grading, are highlighted and corrected so that they will not be repeated in the future!

Key Language and Glossary

Each chapter has a comprehensive review section which includes all key language used in that chapter. At the back of the book you will find a complete glossary of all key language found in the text, with precise definitions and links to relevant chapters.

Online Support and Resources

This textbook’s website, www.itgstextbook.com, provides additional resources to support the use of the book. Students can find useful links to examples and case studies related to the topics covered in the text, while teachers can find additional activities, exercises and exam questions, and rubrics for the main exercises.
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