INTHINKING
SUBJECT SITES
Where IB teachers go

Join thousands of IB teachers worldwide and take advantage of our expert advice and ready-to-go resources

www.thinkib.net
Web-based Resources for IBDP teachers

InThinking Subject Sites are subscription websites which offer a comprehensive range of resources for new and experienced IBDP teachers.

**Supporting IB Teachers**
- Comprehensive help & advice on teaching the IB diploma.
- Innovative ideas on pedagogy & ATL.
- Inside tips on all aspects of assessment.

**Developing Great Materials**
- More than 8 million words across 17 sites.
- Thousands of ready-to-go resources for the classroom.
- Updates every week 52 weeks a year.

**Managing Students**
- Direct student access for selected pages.
- Easy to set assignments & online quizzes.
- Integrated student tracking & online gradebook.

**Meeting Schools’ Needs**
- Used by 16,000 teachers & 50,000 students worldwide.
- Strong user engagement with site content.
- Consistently good feedback from subscribers.

**How to Subscribe?**
Subscribing to an InThinking Subject Site entitles up to 5 teachers at your school to access the site for 12 months.
For more information on pricing and how to subscribe simply go to our website at www.thinkib.net and click “Subscribe”.
Or contact us at mail@inthinking.net

We currently offer the following subjects

You can find more information on each of the below sites on the following pages:

- **Biology** by David Faure p.5
- **Chemistry** by Geoffrey Neuss p.6
- **English A: Lit** by Mark Beverley & David White p.7
- **English A: Lang & Lit** by David McIntyre & Tim Pruzinsky p.8
- **English B** by David Ripley p.9
- **French B Orals** by A. Alenou, P. Chretien & N. Faoyud p.10
- **Foreign Languages**
  - **German A: Lang & Lit** by Tanja Vogt p.11
  - **German A: Lit** by J. Thomas, K. Rogers & S. Chowdhury p.12
- **Greek**
  - **Ancient Greek** by Sunhatas, F. Ch哭泣 & M. Faoyud p.13
  - **Modern Greek**
- **History** by Jim Noble p.14
- **Math Studies**
  - **Math HL & SL** by Tim Garry p.15
- **Math HL & SL** by Chris Hamper p.16
- **Math HL & SL**
- **Physics**
- **Physics** by Chris Hamper p.16

**More subjects >>**
"This is a fabulous resource. There are so many tips for teachers as well as good quality ready-to-go resources for the classroom."

"This is an outstanding resource well worth the cost. It is my go-to source of information about core syllabus and IA’s. You will find everything here. I can’t see myself managing without it."

"An excellent resource which really supports my teaching. I particularly have used the Paper 3 stimulus material - they have been a great resource especially the model answers."

"Great site. Dense with great ideas and useful printable student material. It has added an extra dimension to my teaching and given me several successful plan B options."

"The site is an absolute life-saver. Great resource, materials are updated regularly and have been useful either as stand-alone lessons or as a springboard to develop a unit. Highly recommended. Keep it coming!"

"This site has been very helpful in both providing very useful resource, but also ideas about how to go about the teaching of particular topics."

"This is a fabulous resource. There are so many tips for teachers as well as good quality ready-to-go resources for the classroom."

"This is an outstanding resource well worth the cost. It is my go-to source of information about core syllabus and IA’s. You will find everything here. I can’t see myself managing without it."

"This site has been very helpful in both providing very useful resource, but also ideas about how to go about the teaching of particular topics."

PSYCHOLOGY
by John Crane p.17

SCHOOL LEADERSHIP
by Chris Wright p.18

SPANISH B
by Carina Gambichl & Enrica Alonso p.19

VISUAL ARTS
by Heather McReynolds p.20

TEACH MATHEMATICS
by O. Bowles, R. Wade & J. Noble p.21

Advice, information and attractive ready-made resources for engaging Biology lessons and unit planning. This site will give you confidence and save you time. There is comprehensive coverage of the IB Biology course with lots of ideas to help bring new approaches to teaching and learning to your classroom.

KEY SECTIONS

BASICS
Information about the course, resources and guidelines for planning to help teachers new to IB Biology.

LEARNING ACTIVITIES
Over 1000 tried and tested teaching materials and lesson planning ideas specially made for IB Biology.

THE INVESTIGATION
Guidance and materials to support teachers in the practical scheme of work and the internal assessment component.

ASSESSMENT AND REVISION
Practise questions and key words for each topic together with revision resources for students and topic tests made from IB style questions.

IB CORE
Help and ideas for supervising extended essays and for incorporating TOK or the learner profile into lessons.

KEY SECTIONS

RECOMMENDATIONS

"This is an excellent resource for any IB Biology teacher. David Faure has many years of IB teaching experience and some great ideas and suggestions particularly on the integration of technology in the classroom.”

"Incredibly useful resource site - has probably saved me hundreds of hours planning. Plenty of links, worksheets and interactive resources that support the new IB course.”

"Excellent site. Dense with great ideas and useful printable student material. It has added an extra dimension to my teaching and given me several successful plan B options.”

"This website is a great resource for teachers. Lots of information and resources to use in class! I also like the way it’s very up-to-date.”

"This website is invaluable, especially for a first time teacher of this course. It is clearly laid out and provides interesting lessons for the various parts of the course as well as examples of students work for peer assessment. Thank you InThinking!”

"This is an excellent resource for any IB Biology teacher. David Faure has many years of IB teaching experience and some great ideas and suggestions particularly on the integration of technology in the classroom.”

"Incredibly useful resource site - has probably saved me hundreds of hours planning. Plenty of links, worksheets and interactive resources that support the new IB course.”

"Excellent site. Dense with great ideas and useful printable student material. It has added an extra dimension to my teaching and given me several successful plan B options.”

"This website is a great resource for teachers. Lots of information and resources to use in class! I also like the way it’s very up-to-date.”

"This website is invaluable, especially for a first time teacher of this course. It is clearly laid out and provides interesting lessons for the various parts of the course as well as examples of students work for peer assessment. Thank you InThinking!”

DAVID FAURE has been teaching IB Biology and TOK with energy and enthusiasm for 15 years. He has a wide range of examining experience, presents webinars for SimpleK12 in the USA and delivers in-service training to teachers in Europe. A dedicated educator, David enjoys incorporating inquiry, ICT and wet labs into his teaching when it improves learning.

CELLS: ACTIVITIES FOR LEARNING
An overview of learning and lesson planning pages for the SL Cells topic. Each suggestion links to the resources a teacher needs to run these activities in school.

MEMBRANE TRANSPORT MODELS
Students are challenged to illustrate the transport of four very different molecules through the membrane using modelling clay, spaghetti, food and sweets. Protein pumps, protein channels, and the phospholipid bilayer are central to the story.

EVOLUTION EXAMPLES
Students investigate adaptive radiation, industrial melanism and gradual divergence of populations into separate species. All of these ideas have been contested by some groups so IB students should give them close scrutiny to see if the biological explanations are convincing.

SAMPLE PAGES

"This website is invaluable, especially for a first time teacher of this course. It is clearly laid out and provides interesting lessons for the various parts of the course as well as examples of students work for peer assessment. Thank you InThinking!”

"This website is invaluable, especially for a first time teacher of this course. It is clearly laid out and provides interesting lessons for the various parts of the course as well as examples of students work for peer assessment. Thank you InThinking!”
IB Chemistry

www.thinkib.net/chemistry

Whether they are completely new to teaching the IB or an experienced 'old hand' this site aims to provide everything a teacher could possibly need to deliver the complete IB Chemistry diploma programme in a stimulating and dynamic way.

KEY SECTIONS

DELEVING THE PROGRAMME
Advice and examples of how to enthuse your students.

INTERNAL ASSESSMENT
Exploration of the Individual Investigation, implementation, delivery and evaluation with marked samples.

PRACTICAL SCHEME OF WORK
Full details of many experiments covering all aspects of the practical programme, including the mandatory areas.

TOPICS
Teaching tips, questions and other resources for each sub-topic in the Core, AHL and Options.

CRITICAL THINKING
Encouraging you and your students to question underlying assumptions and inconsistencies found in chemistry.

ASSESSMENT
Comprehensive guidance to maximise your students’ performance in all the exam components.

NEW QUESTIONS
Hundreds of new IB-style questions with answers for all three examination papers.

NEW QUESTIONS
Hundreds of new IB-style questions with answers for all three examination papers.

SCAFFOLDING THE INVESTIGATION
The majority of students will have no real Individual Scientific Investigation once and therefore it is crucial to prepare them thoroughly beforehand. This can be achieved by scaffolding.

DEFINING AND USING “CURLY ARROWS” CORRECTLY
The correct use of curly arrows causes real problems - both to students (and teachers) and examiners.

ANALYSIS OF ASPRIN TABLETS
This practical enables students to determine the percentage of aspirin in various brands of locally available aspirin tablets. They can then work out the cost per gram of aspirin.

THE INTERACTIVE ORAL
Our “Interactive Oral” is a teaching aid designed to encourage students to respond to components of unseen passages. This page, along with a range of others, presents you with a detailed breakdown of what the Interactive Oral asks for as well as provide questions and sample responses to keep your students on track.

READING FOR SETTING
There are many pages on the site designed to encourage students to respond to components of unseen passages. This one focuses on the use of setting. It invites students to explore the meaning of the poem in and through its sounds, rhythms and language and in doing so, engages students with the work.

ODE TO A NIGHTINGALE
Annabel Jane is a popular choice of winner for the course - the page provides lessons ideas when teaching "Ode to a Nightingale". It invites students to explore the meaning of the poem in and through its sounds, rhythms and language and in doing so, engages students with the work.

KEY SECTIONS

OVERVIEW & PAPER 1
Ideals about course design, and skills & aptitudes students need for reading & responding to literature.

PART 1: WORKS IN TRANSLATION
A guide to the written coursework component, including teaching ideas and exemplar work.

PART 2: DETAILED STUDY
A wealth of resources to help teachers & students prepare for the demands of the Individual Oral Commentary.

PART 3: GENRES
Teaching ideas & exemplar responses for all four of the genres that can be taken as options for Paper 2.

PART 4: OPTIONS
Suggestions about planning Part 4, as well as guidance for the preparation & delivery of the Individual Oral Presentation.

IB CORE
Material to support students writing extended essays. Connections between literature & TOK.

IB Core

Our site covers all areas of the English Language A: Literature syllabus and contains course information, practical lessons, advice, and assessment exemplars. The site is designed to meet the specific needs and interests of IBDP English teachers.

KEY SECTIONS

OVERVIEW & PAPER 1
Ideals about course design, and skills & aptitudes students need for reading & responding to literature.

PART 1: WORKS IN TRANSLATION
A guide to the written coursework component, including teaching ideas and exemplar work.

PART 2: DETAILED STUDY
A wealth of resources to help teachers & students prepare for the demands of the Individual Oral Commentary.

PART 3: GENRES
Teaching ideas & exemplar responses for all four of the genres that can be taken as options for Paper 2.

PART 4: OPTIONS
Suggestions about planning Part 4, as well as guidance for the preparation & delivery of the Individual Oral Presentation.

IB CORE
Material to support students writing extended essays. Connections between literature & TOK.

IB Core

Our site covers all areas of the English Language A: Literature syllabus and contains course information, practical lessons, advice, and assessment exemplars. The site is designed to meet the specific needs and interests of IBDP English teachers.

KEY SECTIONS

OVERVIEW & PAPER 1
Ideals about course design, and skills & aptitudes students need for reading & responding to literature.

PART 1: WORKS IN TRANSLATION
A guide to the written coursework component, including teaching ideas and exemplar work.

PART 2: DETAILED STUDY
A wealth of resources to help teachers & students prepare for the demands of the Individual Oral Commentary.

PART 3: GENRES
Teaching ideas & exemplar responses for all four of the genres that can be taken as options for Paper 2.

PART 4: OPTIONS
Suggestions about planning Part 4, as well as guidance for the preparation & delivery of the Individual Oral Presentation.

IB CORE
Material to support students writing extended essays. Connections between literature & TOK.

OVERVIEW & PAPER 1
Ideals about course design, and skills & aptitudes students need for reading & responding to literature.

PART 1: WORKS IN TRANSLATION
A guide to the written coursework component, including teaching ideas and exemplar work.

PART 2: DETAILED STUDY
A wealth of resources to help teachers & students prepare for the demands of the Individual Oral Commentary.

PART 3: GENRES
Teaching ideas & exemplar responses for all four of the genres that can be taken as options for Paper 2.

PART 4: OPTIONS
Suggestions about planning Part 4, as well as guidance for the preparation & delivery of the Individual Oral Presentation.

IB CORE
Material to support students writing extended essays. Connections between literature & TOK.

OVERVIEW & PAPER 1
Ideals about course design, and skills & aptitudes students need for reading & responding to literature.

PART 1: WORKS IN TRANSLATION
A guide to the written coursework component, including teaching ideas and exemplar work.

PART 2: DETAILED STUDY
A wealth of resources to help teachers & students prepare for the demands of the Individual Oral Commentary.

PART 3: GENRES
Teaching ideas & exemplar responses for all four of the genres that can be taken as options for Paper 2.

PART 4: OPTIONS
Suggestions about planning Part 4, as well as guidance for the preparation & delivery of the Individual Oral Presentation.

IB CORE
Material to support students writing extended essays. Connections between literature & TOK.

Part 1

Our site covers all areas of the English Language A: Literature syllabus and contains course information, practical lessons, advice, and assessment exemplars. The site is designed to meet the specific needs and interests of IBDP English teachers.

KEY SECTIONS

OVERVIEW & PAPER 1
Ideals about course design, and skills & aptitudes students need for reading & responding to literature.

PART 1: WORKS IN TRANSLATION
A guide to the written coursework component, including teaching ideas and exemplar work.

PART 2: DETAILED STUDY
A wealth of resources to help teachers & students prepare for the demands of the Individual Oral Commentary.

PART 3: GENRES
Teaching ideas & exemplar responses for all four of the genres that can be taken as options for Paper 2.

PART 4: OPTIONS
Suggestions about planning Part 4, as well as guidance for the preparation & delivery of the Individual Oral Presentation.

IB CORE
Material to support students writing extended essays. Connections between literature & TOK.

Part 1

Our site covers all areas of the English Language A: Literature syllabus and contains course information, practical lessons, advice, and assessment exemplars. The site is designed to meet the specific needs and interests of IBDP English teachers.

KEY SECTIONS

OVERVIEW & PAPER 1
Ideals about course design, and skills & aptitudes students need for reading & responding to literature.

PART 1: WORKS IN TRANSLATION
A guide to the written coursework component, including teaching ideas and exemplar work.

PART 2: DETAILED STUDY
A wealth of resources to help teachers & students prepare for the demands of the Individual Oral Commentary.

PART 3: GENRES
Teaching ideas & exemplar responses for all four of the genres that can be taken as options for Paper 2.

PART 4: OPTIONS
Suggestions about planning Part 4, as well as guidance for the preparation & delivery of the Individual Oral Presentation.

IB CORE
Material to support students writing extended essays. Connections between literature & TOK.
Our site covers all areas of the English Language A: Language and Literature syllabus and contains course information, practical lessons, advice, and assessment exemplars.

The site is designed to meet the specific needs and interests of IB English teachers.

**KEY SECTIONS**

**THE COURSE**
Discover what makes the Language and Literature course unique in the IB.

**ASSESSMENT**
Find student exemplars, test taking strategies, and the marking criterion.

**PART 1**
Get help in understanding “Language in a cultural context” including sample lesson plans.

**PART 2**
See how advertising, propaganda, cartoons and more are taught in “Language and mass communication.”

**PART 3**
Link “Tests and contexts” to the required Paper 2 assessment.

**PART 4**
Explore the teaching of literature in the “Detailed study” portion of the course.

**RESOURCES**
Access other relevant information and materials to help your teaching of the course.

---

**ABOUT THE AUTHOR**

Lorraine Evans, International School, Netherlands

“I use from your site and I can thoroughly recommend it to anyone teaching English Literature Course is defined as “a text in the Language and Literature. Thanks so much!”

Aletha Rossiter, Renaissance College, China

“Very concise with updated guidelines, this site is a real pillar for IB teaching.”

Roopa Gosain, Chinmaya International Residential School, India

“A text in the Language and Literature. Thanks so much!”

Pat Karlstad, Oslo International School

“An indispensable support tool.”

Andy Denney, United World College of South East Asia

“It is good to have authoritative guidance by an experienced English A teacher and workshop leader... it can offer timely advice, with feedback to questions in the comments bank.”

Anne Height, Ivanhoe Grammar School, Australia

“The InThinking resources really help me focus on what I need to be teaching my students. Whenever I am feeling overwhelmed by the Lang Lit course I go to the InThinking website and it puts me back on course.”

Shell Roessler, Sherman Preparatory College, China

“This is a great site for lesson material, tips and ideas. I keep coming back for more and my students are always interested in the topics I see from your site and I am thoroughly recommend it to everyone teaching English Language and Literature. Thank you very much!”

Lorraine Evans, International School, Netherlands

“Very concise with updated guidelines, this site is a real pillar for IB teaching.”

David McIntyre & Tim Pruzinsky are both experienced IB English teachers and workshop leaders who have served in a number of different capacities within the IB. Both have served on various curriculum review committees while David was the longtime moderator of the OCC. They have more than 35 years of experience with English B: as Head of English B at St George’s College, and through a variety of responsibilities and projects with the IB. He has led more than 60 English B workshops, and more than 20 in-school consultancies.

DAVID McINTYRE

“I’ve used so many of your resources over the years and particularly appreciate your clarification of IB guidelines and useful comments on student work.”

Ray Wright, Jindalee Grammar School, Australia

“It is good to have authoritative guidance by an experienced English A teacher and workshop leader... it can offer timely advice, with feedback to questions in the comments bank.”

Andy Denney, United World College of South East Asia

“Whether you are new to the coursework or a seasoned Hand this site is quite simply brilliant. An indispensable support tool.”

Pat Karlstad, Oslo International School

“An indispensable support tool.”

**KEY SECTIONS**

**BUILDING A PROGRAMME**
Detailed guidance to the general principles of IB course design.

**ASSESSMENT**
Exploration of all components: exam techniques, marking criteria, and marked samples.

**LANGUAGE**
Priority language elements for English B. Includes 1000+ items. Plus how to deal with TOK in English B.

**THEMES**
Issues, texts and activities for use in the 5 specified Themes.

**LITERATURE**
Suggested texts for Literature; and a guide to literary reading skills.

**TEACHING SKILLS**
Principally, the major Writing Skills section, exploring the various text types.

**APPROACHES**
The IB’s educational principles, analysed, and how to apply them for English B.

**ASSESSMENT**
Detailed guidance to the general principles of IB course design.

**ASSESSMENT**
Exploration of all components: exam techniques, marking criteria, and marked samples.

**LANGUAGE**
Priority language elements for English B. Includes 1000+ items. Plus how to deal with TOK in English B.

**THEMES**
Issues, texts and activities for use in the 5 specified Themes.

**LITERATURE**
Suggested texts for Literature; and a guide to literary reading skills.

**TEACHING SKILLS**
Principally, the major Writing Skills section, exploring the various text types.

**APPROACHES**
The IB’s educational principles, analysed, and how to apply them for English B.

**RESOURCES**
Access other relevant information and materials to help your teaching of the course.

---

**THE BELL JAR AND A DOLL’S HOUSE**

Get access to an example Paper 2. Examine how one of the examination questions. Even if you don’t teach these texts, your students will benefit from reading this Paper 2. It is fully precise, well developed, and persuasive.

**THE LANGUAGE OF MIGRATION**

What is the language of migration and how does it influence our beliefs? Find out more about what we meet by texts as well as what two researchers have to say about them.

**DEFINING “TEXT”**

A text in the Language and Literature Course is defined as “anything that carries meaning.”

**MIXED ENGLISH B CLASSES**

Experience shows that the Marking English B Paper 2 is non-standard. Almost always, classes contain a mixture of background, level and ability. So how do we make the most of this rich variety?

**SPECIFIC TEXT TYPE SKILLS**

The kind of approach important for each text type and the kind of language expected. These can be seen as transfer goals – in other words, the really useful Teaching Points.

**BILINGUAL BRAINS**

Does being bilingual change the way you learn? The source article way you think? The source article articles – exploring the theory of what language does to us, or learning practical skills of how to use quotation.
IB French B Orals

www.thinkib.net/frenchorals

Our site covers all areas of the internal assessment in Language B, higher and standard levels. It contains detailed, practical information and advice on the individual and interactive orals. Numerous practice materials are provided for teachers to use with their students.

KEY SECTIONS

ORAL INDIVIDUEL: GÉNÉRALITÉS
Detailed guidance on the organisation and assessment of the individual oral, how to present a photo effectively, how to analyse a photo, how to prepare students for the individual oral, thematic vocabulary sheets, your questions answered.

ORAL INDIVIDUEL
For each of the 5 options: discussion questions; photos to encourage class discussion; photos for the individual oral, examples of the individual oral at both standard and higher levels with assessment.

ACTIVITÉ ORALE INTERACTIVE: GÉNÉRALITÉS
Guidelines explained; how the interactive oral is assessed; your questions answered.

ACTIVITÉ ORALE INTERACTIVE
For each of the three core themes: photos for the class; listening activities; discussion topics; activities based on photos.

Recommandations

“Je vous recommande vivement de consulter ce site car c'est un outil très utile et très complet qui peut être utilisé pour la préparation des examens oraux de français. Il contient des conseils pratiques et des modèles de questions qui peuvent être utilisés par les professeurs et les élèves. Les ressources sont organisées de manière à ce que les élèves aient accès à tout l'information nécessaire pour se préparer de manière efficace.”

Monica Jefferson, Baltimore City College, USA

Merci mille fois!”

Frederic Gibault, Modern English School Cairo, Egypt

Recommandations

“Je vous recommande vivement de consulter ce site car c'est un outil très utile et très complet qui peut être utilisé pour la préparation des examens oraux de français. Il contient des conseils pratiques et des modèles de questions qui peuvent être utilisés par les professeurs et les élèves. Les ressources sont organisées de manière à ce que les élèves aient accès à tout l'information nécessaire pour se préparer de manière efficace.”

Monica Jefferson, Baltimore City College, USA

Merci mille fois!”

Frederic Gibault, Modern English School Cairo, Egypt

About the author

ANN ABRIoux, NATHALIE FAYAUX & PASCALE CHRETIEN are experienced IB teachers, workshop leaders and authors. They have written Le Monde en francs for the IB Diploma French B course - SL and HL. They have also written French B Skills and Practice, a text book designed to build skills directly relevant to IB assessment.

IB Geography

www.thinkib.net/geography

The Geography site contains a wealth of teaching materials, assessment guidance, model responses and revision materials which has been written with both teachers and students in mind. You will find lesson plans and activities for five of the seven Option Themes as well as the SL/HL Core and HL Core Extension.

KEY SECTIONS

PAPER 1: OPTIONAL THEMES
Lesson guidance, activities, revision material, quizzes and assessment, including samples Paper 1s and mark schemes.

PAPER 2: SL/HL CORE
Lesson guidance, activities, revision material, quizzes and assessment including sample Paper 2s and mark schemes.

PAPER 3: HL CORE EXTENSION
Lesson guidance, activities, revision material, quizzes, and assessment including sample Paper 3s and mark schemes.

INTERNAL ASSESSMENT
Comprehensive guidance for both the teacher and student in choosing an IA and structuring the assessment, including presentation and statistical techniques, and exemplary student IAs.

IB CORE
Comprehensive guidance for both the Extended Essay and the integration of TOK into the course.

Recommandations

“This website allows teachers and students to have more information than just in the textbook and gives them the opportunity to practice IB style questions with each lesson and. The video links is a great resource and the handbook practical.”

Karen Lynch, Lycee American School, Switzerland

“A fantastic and comprehensive teacher produced site, which outshines all the current IB books and resources available on the market. Your students are sure to have great success with this site as supporting them and their teachers.”

Charlotte Lundy, British School of Plovdiv Region

“A Fantastic collection of resources for the new IB Geography syllabus presented and organized in an easy to find manner.”

Jon Brookhurst, Lycee American School, Switzerland

About the author

PAUL CHRISTMAS is a graduate of Lancaster and Leeds universities and has taught IB Geography for many years and is an experienced subject leader in an international context. A lover of the outdoors, he has a passion for pedagogy that is student centred and discovery based.

GIS

WHERE PEOPLE LIVE IN RESIDENTIAL AREAS
This page develops the use of real images to help students to take a virtual tour of different residential areas in Brussels to then contrast cities in a range of development settings.

PAUL CHRISTMAS

GENDER EQUALITY AND POLICIES TOWARDS PEOPLE TRAFFICKING
This topic is introduced to students through a survey on the level of gender equality in their own community. A research activity then leads to a role-play of a UN Committee tasked to develop integrated policies on gender equality and people trafficking.

GEOGRAPHY TOK

REFLECTIONS
A series of detailed Geography based TOK reflections which can be woven into Geography lessons or used to help students integrate Geography thinking and concepts into their TOK essays.
PART 1 – LANGUAGE IN CULTURAL CONTEXT
Get ideas and lesson plans for this part of the course.

PART 2 – LANGUAGE AND MASS COMMUNICATION
Find teaching ideas about advertising, cartoons, social media and more.

PART 3 – TEXTS AND CONTEXTS
Teaching approaches to literary works that can be encouraged through various activities.

PART 4 – CRITICAL STUDY
Teaching graphic novels in part three of the course has become very popular. This page gives an introduction to the specific terminology for the analysis of graphic novels, and explains narrative strategies in Serafini’s “Persepolis.”

ABOUT THE AUTHOR
Ina Serafini, Institut Montana, Zug, Schweiz

“Facebook’s mission is to give people the power to share and make the world more open and connected.”

FACEBOOK
Facebook’s mission is to give people the power to share and make the world more open and connected. What does communication on social media look like? Find a lesson plan that will make your students think analytically about Facebook.

PERSEPOLIS
“Persepolis” opens graphic novels in part three of the course has become very popular. This page gives an introduction to the specific terminology for the analysis of graphic novels, and explains narrative strategies in Serafini’s “Persepolis.”

APARTEID SOUTH AFRICA (1950-1994)
This page offers a range of examples from different regions. This example for Topic 10 explores Serafini’s “Persepolis,” and explains narrative strategies in Serafini’s “Persepolis.”

CASE STUDY TOPIC 10: CASTRO
For each Paper 2 topic, we have chosen a range of examples from different regions. This example for Topic 10 examines Castro’s role under the 1959 Cuban Revolution. There is a range of activities to develop student understanding of Castro’s role.

ESSAY FRAMES AND WRITING EXERCISES
For each Paper 2 and Paper 3 topic, there is a page which is focused on essay writing activities. This page for Paper 3, The Soviet Union and Russia, includes several essay frames as well as activities to improve introductions, paragraphs and conclusions.
Taking an inquiry based approach, the Maths Studies site supports teachers with all aspects of the course. Packed with creative teaching ideas, it engages students with key concepts as a powerful tool for understanding the world around us.

### KEY SECTIONS

**ENGAGING ACTIVITIES**

Lots of resources for engaging, mathematically rich activities that bring the mathematics alive for students.

**PRACTICE**

Hundreds of practice questions and exercises to help students master the ideas as well as an ever growing bank of exam style questions.

**APPROACHES TO TEACHING AND LEARNING**

Strong focus of ATTL - such as taking an inquiry based approach, developing conceptual understanding, and meeting the needs of all learners.

**INTERNAL ASSESSMENT**

A huge section devoted to the IA task. Advice, inspiration exemplars and more to help students get the most out of it.

**IB CORE**

Throughout the site there are strong links to the IB core which help students see the bigger picture.

**TEACHER SUPPORT**

Great advice for teachers on all aspects of the course.

### Recommendations

“...this site has everything you need to supplement your course. What I really love about this site is that the activities are all ready to go and designed to bring meaning to the Math Studies syllabus.”

Vern Cedarlund, Eugene, USA

“This site is such a fantastic one stop shop for IB Math Studies resources. I really appreciate the depth and variety of both materials and ideas offered.”

Melissa Griffin, Phuket International Academy Day School, Thailand

“This site has everything you need to supplement your course. What I really love about this site is that the activities are all ready to go and designed to bring meaning to the Math Studies syllabus.”

Valerie Koch, International School of Zug and Lucerne, Switzerland

### About the author

Jim Noble is a passionate, experienced and practicing teacher of mathematical studies (amongst other things!). He has postgraduate qualifications from Nottingham and Oxford Universities in secondary Mathematics education and has become a specialist in the teaching of this course, enjoying the spirit of ‘engaging Mathematics for all’ that it embodies.

Vern Cedarlund, Eugene, USA

### IB Math Studies

www.thinkib.net/mathstudies

### IB Math HL & SL

www.thinkib.net/mathhlsl

The Mathematics HL & SL site supports IB DP teachers with knowledgeable planning, comprehensive understanding of content, and effective teaching resources & strategies.

### KEY SECTIONS

**COURSE PLANNING**

Advice on teaching sequence, units and differences, and connections between Maths HL & Maths SL.

**SYLLABUS**

Course content (HL & SL) broken down into over 35 separate syllabus items with sample questions & ideas.

**WRITTEN EXAMS**

In-depth look at exams – including strategies, extensive sample questions and worked solutions.

**IA - EXPLORATION**

Detailed Student Guides to the Exploration that provide useful information and advice for all stages of the IA.

**GDC**

Useful information & guidance on calculator use in teaching & assessment.

**WRITTEN EXAMS**

35 separate syllabus items with sample questions & ideas.

**IA – EXPLORATION**

Detailed Student Guides to the Exploration that provide useful information and advice for all stages of the IA.

**COURSE PLANNING**

Advice on teaching sequence, units and differences, and connections between Maths HL & Maths SL.

**SEQUENCES AND SERIES – 4 QUESTIONS**

The site contains many pages with sets of questions on syllabus items going from ‘accessible’ to ‘challenging’. This example concerns sequences and series.

### Recommendations

“I really like the continuously expanding InThinking Maths HL & SL resources. I always find something useful among the plentiful, practical well-formatted resources - including notes, assignments, assessments, and interesting student pages. Absolutely no purchase regret!”

Mike Murray, Dubai American Academy

“I highly recommend any IB Mathematics Teacher who is seeking expert guidance on how best to teach either Standard Level or Higher Level Mathematics in today’s classroom. InThinking is an invaluable resource for both experienced and new IB teachers alike!”

Holly Garner, Lincoln Community School, Ghana

### About the author

Tim Garry has taught mathematics since 1984 and been Head of Maths at three international schools. A highly experienced practitioner, he has delivered more than 40 IB Maths workshops & co-authored IB Maths HL & SL textbooks.
KEY SECTIONS

SYLLABUS CONTENT
Complete lesson plans including links to resources, TOK and NOS.

PRACTICAL WORK AND IA
Worksheets for lab work, ideas for investigations and instructions on how to mark them.

APPROACHES
Approaches to teaching and learning explained in the context of the physics lab.

ACTIVITIES
Guided inquiry activities combining observation, theory, measurement, simulation and problem solving.

TESTS AND PROBLEMS
A set of short review tests and some more difficult problems, one for each lesson.

MULTIPLE CHOICE QUESTIONS
Over 700 online questions many including animations - an excellent revision tool.

SIMULATIONS AND ANIMATIONS
Extensive use of animated gifs plus detailed instructions on how make your own simulations.

About the author

CHRIS HAMPER has been an enthusiastic classroom teacher for nearly 40 years and a passionate rock climber for even longer. Author of the Pearson Baccalaureate Physics books and an experienced workshop leader he has no problem filling the long winter evenings at his home in Norway.

The InThinking Physics site has been a life saver. Chris’s explanations of syllabus content and assessment criteria have helped enormously with planning and programming.

Kate保利, The Friends School, Australia

I am very pleased with the website. Love the animated Multiple choice Test questions. That is a great way to ask questions and cannot be accomplished with questions on paper. Also, the labs are very good and the suggestions are very helpful.

Saroj Voge, Northwell Health High School, USA

PRACTICAL WORK AND IA

Sample research that can be used for Paper 3 practice with suggested responses.

WRITING SAMPLES
Samples of student writing with annotations and suggestions for improvement.

REVISION
A variety of activities to help students to prepare for their exams.

EXTENDED ESSAY
Samples and strategies to help students through the EE process.

SUGGESTIONS FOR IMPROVEMENT
Suggestions for improvement to increase the effectiveness of drug therapies on the treatment of Major Depressive Disorder.

ROLE PLAY EXERCISE
A role-playing exercise which encourages students to think critically about the research on the treatment of Major Depressive Disorder.
**IB School Leadership**

www.thinkib.net/leadership

This site - which is designed for coordinators, senior leaders, and heads of School - offers a range of tools and case studies which will enable you to operate more effectively. It gives you everything you need to lead your school through IB Authorization and Evaluation; and it provides richly resourced, ready-to-go materials which you can use in the context of professional development with your staff.

### KEY SECTIONS

**NATURE OF LEADERSHIP**
Overview of the IB approach to leadership; tips & resources on developing effective teams; ideas on recruitment, induction & development of staff.

**MISSION & VISION**
Guidance and materials on writing mission and vision statements, developing strategy, and leading change.

**LEADERSHIP TOOLKIT**
Tried and tested activities to use with your staff and develop your school as a professional learning community.

**TEACHING & LEARNING**
Practical ideas on nurturing pedagogy in your school using the IB approaches to teaching and learning.

**EMBEDDING THE DIPLOMA**
Deepening your understanding.

**MISSION & VISION**
Guidance and materials on writing mission and vision statements, developing strategy, and leading change.

**LEADERSHIP TOOLKIT**
Tried and tested activities to use with your staff and develop your school as a professional learning community.

**TEACHING & LEARNING**
Practical ideas on nurturing pedagogy in your school using the IB approaches to teaching and learning.

**EMBEDDING THE DIPLOMA**
Deepening your understanding.

### ABOUT THE AUTHOR

**CHRIS WRIGHT** has more than 20 years of experience as a Head of School and is currently Director of Education for fifty schools. He has co-authored one of the IB leadership programmes and written their leadership toolkit. The author of over 25 books, he has led many IB Administrators, Leadership and ATL workshops.

**RECOMMENDATIONS**

“Whether you are a new or experienced educational leader, this site has a wealth of stimulating ideas and a great resource for deepening your understanding.”

Norm Fram, International School of Prague, Czech Republic

“This site is an outstanding overview of many of the issues that face an IB leader. From leadership itself, to teaching and learning, to the intricacies of the IB.”

Jim McConnell, independent consultant, Canada

“The website speaks of immense expertise and genuine heart to help out administrators and teachers in their leadership journey.”

Carlos Enriquez, Chinese International School Manila, Philippines

### IB Spanish B

www.thinkib.net/spanishb

The site covers all areas of the Spanish B syllabus and contains advice, information and invaluable practice on every aspect of the programme.

The design is tailored to teachers’ needs and interests.

### KEY SECTIONS

**DISEÑO DEL CURSO**
Here teachers can find all the guidelines needed for the course.

**ENFOQUES**
The section on Approaches to Teaching and Learning (ATL) provides all the information on this integral part of the programme.

**EVALUACIÓN**
To understand the requirements of the assessment components with practical materials.

**ACTIVIDADES**
Class units to bring to the classroom with a minimal preparation.

**LITERATURA**
Practical materials and recommendations to incorporate literature in the programme.

**RECURSOS**
Where to find useful pages of other websites, books, magazines, dictionaries, grammars and teachers associations.

### ABOUT THE AUTHOR

**CARINA GAMBILCH & ENCINA ALONSO** have a broad experience as IB teachers, workshop leaders and authors.

They have published the textbook Diverso I, II guided towards the Ab Initio Programme and they are now working on Diverso 3 which matches the Spanish B course.

**RECOMMENDATIONS**

“I have used several of the resources on this site. In addition, the site organization has helped me to better grasp how to organize my coursework. I wish I had more time to search on the site! I’m grateful that our school paid the subscription fee as it has been very useful.”

Kathie Kahan, Washington & Barrow High School / ESP

“Spanish B offers amazing support for its Spanish B teachers. The material is up to date and gives support to new and experienced teachers. What I like most about the THINKING site is that it is user-friendly, the lesson plans are fun, engaging and cover the entire Spanish B curriculum. This is a Fantastic tool I highly recommend it!”

Claudia Grief, Jumeirah English Speaking School / UAE

### SAMPLE PAGES

**LEADERSHIP TOOLKIT**
Tried and tested activities to use with your staff and develop your school as a professional learning community.

**INTERNATIONAL MINDEDNESS**
A rich selection of resources to enhance and embed International Mindedness into all that you do.

**IB EVALUATION**
A step by step guide to the IB Evaluation process. Practical, ready-to-go materials which you can use in the context of professional development with your staff.

### SAMPLE PAGES

**LA INMIGRACIÓN**
“Cartas a Nora” Developed lessons with a great variety of materials and teachers’ guide.

**TRABAJO ESCRITO**
Updated information and suggested practice on this assessment component.

**ORAL INDIVIDUAL**
A useful study guide to help the student to build up the oral production skills needed for the exam.
The Visual Arts website helps teachers to design their own course by providing clear information about the curriculum, a range of practical teaching ideas and a continuously evolving selection of artists, exhibitions and resources.

**KEY SECTIONS**

- **Course Design**
  - Detailed guidance and resources for building a programme with the new curriculum guide.
- **Assessment**
  - Exploration of all components, marking criteria and examples.
- **Art in Context**
  - Culture, context and teaching critical thinking in visual arts.
- **Art Making**
  - Techniques, materials and processes, hands on teaching ideas across a range of media.
- **Exhibition and Curating**
  - Visual communication as both viewer and creator, curatorial practice, artists and exhibitions!
- **Creativity and Inspiration**
  - A multitude of inspirational resources from sketchbooks to slideshows and cross-curricular collaborations.
- **IB Core**
  - All about the Visual Arts extended essay and the IB Core collaborations.

**Sample Pages**

- **Choosing Images for Comparing**
  - The pairs of images in this gallery are designed for teaching students how to compare and contrast artworks in preparation for the Comparative Study.

- **Methods of Display**
  - For their investigations, students are required to present a selection of work, considering methods of display.

- **Mad Materials**
  - Consider the ways that materials have meaning. Invite students to think how they might use materials differently to communicate ideas with these thought provoking task questions.

- **Similar Triangles**
  - There are lots of ways that you can do with the 24 triangles used in this activity and they all lead to the theory of similar triangles.

- **Factorising Quadratics**
  - Complete activity to get students familiarising quadratics expressions for the first time.

**Recommendations**

- “I love this website, it’s helping me greatly in my classes. Heather is a huge guide! I’m very grateful.”
  - Roxana Ibar, American School of Brasilia, Brazil

- “The IBDP Art site is brilliant. I use it all the time. Being new to IBDP it has been a lifeline.”
  - Stephen Davidson, Leman International School, China

- “The lesson, activities, and ideas on Teach Mathematics are so wonderful because they require students to think deeply about the mathematics.”
  - Mathematics are so wonderful because they require students to think deeply about the mathematics.”
  - Marina MacDonald, Mathematics consultant, USA

**About the Author**

- **Heather Mcreynolds**
  - Heather Mcreynolds has taught Visual Arts for more than 20 years to both teachers and students. She has extensive experience leading IB workshops, consulting in schools and writing. Heather is co-creator of La Vigna Art Studios, offering courses and workshops in Italy.

- **Oliver Bowles, James Noble & Richard Wade**
  - Love designing, testing and using rich activities that encourage mathematical thinking and inquiry. Technology enthusiasts, they are believers in “hands-on” activities that encourage teamwork and collaboration.

**Teach Mathematics**

- This site contains hundreds of hours of activities carefully designed to engage students, foster creativity and develop mathematical thinking - ‘lessons to look forward to’. 

**Sample Pages**

- **Angry Birds**
  - A fun game for students to explore the correct equation of the parabola in order to hit the pig. Great fun!

- **Quadratics**
  - Complete activity to get students familiarising quadratics expressions for the first time.

- **Similar Triangles**
  - There are lots of ways that you can do with the 24 triangles used in this activity and they all lead to the theory of similar triangles.

**About the Author**

- “I think of this website as one of the best websites around for teaching ideas in mathematics – it is challenging, mathematically robust, extensive mathematical ideas rather than dumbing them down. It is full of pedagogical sense and innovation, and ought to be available everyone.”
  - Anne Watson, Emeritus Mathematics Education, Oxford University

- “Heather is co-creator of La Vigna Art Studios, offering courses and workshops in Italy.”
  - Vigna Art Studios, offering courses and workshops in Italy.
Our “Student access” feature allows students at subscribing schools to directly access selected pages on our sites. Teachers can then create online assignments for their students and monitor their progress.

Organize your student in groups and set assignments

Create quizzes using the qBank*

See results for student groups in interactive gradebook

See detailed results by student or assignment

* Available only on selected sites.
About InThinking

InThinking is an innovative educational consultancy service which provides high quality training and web-based resources for IB World Schools.

We are particularly committed to promoting critical thinking across the curriculum.

Face-to-face Workshops

InThinking also has a reputation for running high quality workshops for IB teachers and administrators.

For further information, visit our website at www.inthinking.net

FOLLOW US

twitter.com/InThinker
facebook.com/inthinking.co.uk

CONTACT US

mail@inthinking.net