

Inquiry, Inclusion, International Mindedness



**SCHOOL
LANE** CHARTER
SCHOOL

SLCS is an International Baccalaureate World School

IB Course Catalog
2022-23

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How to Use the SLCS Course Catalog

At the IB Campus we offer a wide variety of courses. Please review the contents of this course description booklet before making course selections and give serious consideration to those choices. It is important that you consult with the school counselor to ensure that you select courses that meet the minimal requirements for high school graduation.

It is suggested that you review the graduation requirements as outlined on page 5, and that you use the worksheet on page 6 -7 to help guide course selection decisions. This will help you find the courses you need in order to graduate on time.

Our block schedule allows students to work beyond the minimum requirements for high school graduation. This will allow for seniors to partake in high school enrichment, internships, or work-study. Please consult with the school counselor if you are interested in this.

SLCS is confident that this course description booklet will be beneficial to you as you select courses for next school year.

What Makes School Lane Different?

Philosophy

We believe that schools should contribute to a better and more peaceful world by educating young people to value high achievement, lifelong and active learning, diversity and equity, collaborative problem solving, and international mindedness. Internationally minded people recognize the common humanity of all peoples and their shared guardianship of the planet.

In keeping with our philosophy, classroom conversations consider the international context of an event, issue or problem being studied, as well as the social and cultural aspects. We live our values as we teach students to develop a caring attitude toward other people, an open mind about other cultures, and respect for opinions that differ from their own.

Methodology

Our teaching method ensures that students will learn how to learn. Instruction is based on inquiry: asking the questions that will help you get to a solution, doing the research to find answers, and thinking critically about the information you gather. The inquiry method encourages natural curiosity. They become invested in their own learning when they can identify what makes them curious about the subject being studied, work to satisfy their curiosity, and share their discoveries with classmates.

In our classrooms, learning is collaborative. You rarely see teachers stand in front of the class delivering information. Instead, teachers actively guide students as they learn independently and cooperatively throughout the class.

Partnership

Every person involved in the education of a student at our school is expected to act as a partner with others, including teachers, staff, parents and the student.

The partnership approach leads to strong personal relationships between students and teachers and between family members and school personnel. Strong relationships foster a feeling of shared responsibility for the student's success, making it more likely that problems will be flagged early and support provided quickly. As students develop, they are expected to rely less on adults and take on more responsibility for their own education.

Personalization

We teach students as individuals who have strengths and weaknesses. Each student may have a different learning path, which might include different books or in-class resources. We challenge each student to work toward achievable goals.

IB Diploma Requirements

The International Baccalaureate® (IB) Diploma Programme (DP) is recognized and respected by the world's leading universities. The DP is an academically challenging and balanced programme of education. IB Diploma Programme students must take courses in six subject groups.

At School Lane, those courses are:

Group 1: Language & Literature-DP Language and Literature

Group 2: Language Acquisition-DP Spanish, DP Ab Initio Mandarin or French

Group 3: Individuals and Society-DP History of the Americas or DP Psychology

Group 4: Experimental Sciences-DP Physics, DP Biology, DP Chemistry, DP Astronomy, DP Environmental Systems and Societies

Group 5: Mathematics-DP Math Analysis or DP Math Applications

Group 6: Arts-DP Visual Arts, DP Film

In lieu of taking a Group 6 course, students may choose to take an additional course from Groups, 2-4 or a school-based syllabus course approved by IB.

In addition to disciplinary and interdisciplinary study, the Diploma Program features three core elements that broaden students' educational experience and challenge them to apply their knowledge and skills. They are:

- Theory of knowledge (TOK), in which students reflect on the nature of knowledge and on how we know what we claim to know. TOK is assessed through an exhibition and a 1600 word essay.
- The extended essay (EE), which is an independent, self-directed piece of research, finishing with a 4,000-word paper. Students will select their own topic during their junior year, and work with an adviser to finish by the end of the first semester of their senior year.
- Creativity, activity, service (CAS), which involves students in a range of activities. Creativity encourages students to engage in the arts and creative thinking. Action seeks to develop a healthy lifestyle through physical activity. Service with the community offers a vehicle for new learning with academic value.

Weighted Grading for DP Courses

Course Score	MYP	DP SL	DP HL
7	4	4.4	4.8
6	3.75	4.125	4.5
5	3.5	3.85	4.2
4	2.75	3.025	3.3
3	2	2.2	2.4
2	1.25	1.375	1.5
1	0.5	0.55	0.6

SLCS Graduation Requirements

If a student fulfills the graduation requirements set out by the School (see below), he/she will be awarded a School Lane Charter High School Diploma. This is the equivalent of a Pennsylvania High School Diploma. The conditions for the award of the High School Diploma are determined by the school and are contingent on any state required examinations and course completions.

SLCS High School Diploma Credit Requirements

The student will have accumulated credit units of study in the following areas:

4 credits	Language and Literature
2 credits	Language Acquisition Art
3 credits	Individuals and Society
3 credits	Mathematics
3 credits	Science
1 credits	Health and Physical Education
Elective Credits 6 or 7 credits <i>dependent on Grad Year</i>	Elective courses Student selects additional courses among those approved for credit toward graduation by the school.
22 Total Credits	Class of 2023
23 Total Credits	Class of 2024 and beyond

Additional Graduation Requirements

- **Personal Project:** Submission of Grade 10 Personal Project is Required, grade will be included in GPA, and successful completion is a requirement for full DP candidates.
- **Keystone exams:** Algebra 1, Biology, Literature
- **Other obligations:** The student is in good standing with the school, which means that all financial obligations are met and the student has no outstanding disciplinary action to fulfill.

	MYP Course Sequence Grades 7-10				DP Course Sequence		Graduation Requirements	
IB Group	Gr 7 MYP 2	Gr 8 MYP 3	Gr 9 MYP 4	Gr 10 MYP 5	Gr 11	Gr12	Gr 11	Gr12
Language & Literature	MYP Lang & Lit 2	MYP Lang & Lit 3	MYP Lang & Lit 4	MYP Lang & Lit 5	DP Lang & Lit 1 SL HL	DP Lang & Lit 2 SL HL	DP Lang & Lit 1 SL	DP Lang & Lit 2 SL
Language Acquisition	MYP Spanish 1	MYP Spanish 2	MYP Spanish 3	MYP Spanish 4	DP Spanish 1 SL HL	DP Spanish 2 SL HL	None required if 2 credits earned	
	Students not enrolled in MYP Spanish Gr 7-8		HS Spanish 1	HS Spanish 2	DP Ab Initio SL 1 French or Mandarin	DP Ab Initio SL 2 French or Mandarin		
Individuals & Societies	MYP I & S 2	MYP I & S 3	MYP I & S 4	MYP I&S 5	DP Hist of Am 1 SL HL	DP Hist of Am 2 HL	1 credit Civics or DP History of America	
					DP Psych 1 SL HL	DP Psych 2 HL		
Sciences	MYP Science 2	MYP Science 3	MYP Biology	MYP Chem OR Earth Sci	DP Bio 1 SL HL	DP Bio 2 SL HL	1 credit Science from Elective offerings	
					DP Physics 1 SL DP Chemistry 1 SL DP Astronomy SL	OR DP Physics 2 SL DP Chemistry 2 SL DP Env Systems & Society SL		
Math	MYP Math 2	MYP Math 3	MYP Algebra 1	MYP Geometry	DP Math Applications 1 SL HL	DP Math Applications 2 SL HL	1 credit math from Elective Offerings	
		MYP MS Algebra 1	MYP Geometry	Algebra 2	DP Math Analysis 1 SL	DP Math Analysis 2 SL		
Visual Arts	MYP Visual Arts 2*	MYP Visual Arts 3*	MYP Visual Arts 4*	1 Credit Elective Arts	DP Visual Arts 1 SL HL	DP Visual Arts 2 SL HL		
Performing Arts	MYP Performing Arts 2*	MYP Performing Arts 3*	MYP Performing Arts 4*		DP Film 1 SL	DP Film 1 SL		
Health/PE	MYP HPE 2*	MYP HPE 3*	MYP HPE 4*	MYP HPE 5*	TOK 1* (Semester 2)	TOK 2* (Semester 1)		
Design Tech	MYP Design 2*	MYP Design 3*	Entrepreneur Mindset*	Personal Finance*				

Elective Course Options

Language & Literature	Creative Writing*, Modern Lit*, Communication*
Language Acquisition	Ab Initio Mandarin, Ab Initio French, DP Spanish (2 yr)
Individuals & Societies	Civics, DP Business, DP Psychology, Modern Wars, African Studies, Asian Studies
Sciences	Anatomy Physiology, Chemistry, Earth Science, Forensics, DP Astronomy, DP Environmental Systems, DP Bio (2 yr), DP Physics (2 yr)
Math	Coding, Probability/Statistics, DP Math Application or Analysis (2 yr)
Arts	Photography Digital Art*, Graphic Design*, Painting & Drawing*, 3-D Art*, DP Film, DP Visual Arts (2yr) World Music*, Modern Band*, Theatre Arts*, Music History*
Health & PE	Adv Health / Nutrition*, Yoga*, Sports Med & Mgmt*

* = .5 credit Semester Course **Bold print = offered** **DP HL**

Course Selection Guide

Use this guide to help plan coursework grade 9-12.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
LANGUAGE & LIT 4 CREDITS REQUIRED MYP GR 9-10 (2)	COURSE NAME / #	COURSE NAME / #	COURSE NAME / #	COURSE NAME / #
LANG ACQUISITION 2 CREDITS REQUIRED MYP GR 9-10 (2)	COURSE NAME / #	COURSE NAME / #	COURSE NAME / #	COURSE NAME / #
INDIV & SOCIETIES 3 CREDITS REQUIRED MYP GR 9-10 (2)	COURSE NAME / #	COURSE NAME / #	COURSE NAME / #	COURSE NAME / #
SCIENCE 3 CREDITS REQUIRED MYP GR 9-10 (2)	COURSE NAME / #	COURSE NAME / #	COURSE NAME / #	COURSE NAME / #
MATH 3 CREDITS REQUIRED MYP GR 9-10 (2)	COURSE NAME / #	COURSE NAME / #	COURSE NAME / #	COURSE NAME / #
ARTS 2 CREDITS REQUIRED MYP GR 9-10 (2)	COURSE NAME / #	COURSE NAME / #	COURSE NAME / #	COURSE NAME / #
HEALTH / PE 1 CREDITS REQUIRED MYP GR 9-10 (1)	COURSE NAME / #	COURSE NAME / #	COURSE NAME / #	COURSE NAME / #
OTHER ELECTIVES 6 CREDITS REQUIRED GR 11 or 12	COURSE NAME / #	COURSE NAME / #	COURSE NAME / #	COURSE NAME / #

Total Minimum Credits to Graduate (22 23)	LANGUAGE & LITERATURE 4 CREDITS REQUIRED MYP GR 9-10 (2)	LANGUAGE ACQUISITION ARTS 2 CREDITS REQUIRED MYP GR 9-10 (2)	INDIVIDUALS & SOCIETIES 3 CREDITS REQUIRED MYP GR 9-10 (2)	SCIENCE 3 CREDITS REQUIRED MYP GR 9-10 (2)
	MATH 3 CREDITS REQUIRED MYP GR 9-10 (2)	HEALTH / PE 1 CREDITS REQUIRED MYP GR 9-10 (1)	ELECTIVES 6-7 CREDITS REQUIRED	

GROUP 1 STUDIES IN LANGUAGE AND LITERATURE

LL0909131 **MYP Language & Literature 4** **Grade(s): 9** **Credits 1**

Students will develop analytical reading, academic writing, critical thinking, and presentation skills. Course content includes nonfiction, short story, myth, poetry, drama, and the novel. Writing instruction will extend development in three modes as outlined by the College and Career Readiness Standards: narrative, expository, and argumentative. Students will develop skills in critical thinking, effective discourse, collaboration, reflection, and Pennsylvania Core Standards in Language.

Prerequisite(s): None

LL1010132 **MYP Language & Literature 5** **Grade(s): 10** **Credits 1**

MYP Language & Literature 5 seeks to develop a student's listening, speaking, reading, writing, viewing, and presenting skills through studying various genres of literature, including poetry, fiction, non fiction, the graphic novel, and drama. The literature read in class spans topics and themes regarding self-discovery and identity, eastern philosophies, war, revolution, and politics, contributing to the development of opinion-forming, decision-making and ethical-reasoning skills, all attributes of an IB learner. Students will also engage in the writing process for the development of persuasive, analytical, and creative texts. As a final culminating project of the course, students will follow the steps of the design cycle to create a final product and report within the topics and themes of the unit. Students will take the Literature Keystone Exam at the conclusion of the course.

Prerequisite(s): Successful completion of MYP Language & Literature 4

Language Fundamentals

LL0909191 **Gr 09 Lang Fund SE** **Grade(s): 9** **Credits 1**

LL1010192 **Gr 10 Lang Fund SE** **Grade(s): 10** **Credits 1**

LL1111193 **Gr 11 Lang Fund SE** **Grade(s): 11** **Credits 1**

LL1212194 **Gr 12 Lang Fund SE** **Grade(s): 12** **Credits 1**

With an emphasis on foundational skills for reading and writing, the Language Fundamentals course supports students with the skills needed for academic and workplace success. Using print and digital media, students engage with a variety of texts to improve their spoken and written use of English. Students will compose literary essays, personal narratives, and short fiction, in demonstrating creative and analytical thinking.

Prerequisite(s): Teacher recommendation

Language and Literature for English Language Learners

LL0912133 **Language & Literature 4 ESL** **Grade(s): 9, 10 or 11** **Credits 1**

LL0912134 **Language & Literature 5 ESL** **Grade(s): 10, 11, or 12** **Credits 1**

This course is designed to support learners whose first language is not English. It builds on the students' current proficiency level in the English language and supports students in developing grammar, sentence patterns, vocabulary, literature, and research. This class is designed to help students improve their ability to read and write the English language at a high school level. The goal is to refine students' skills in reading comprehension and composition, as well as their control of grammar, spelling, and mechanics.

Prerequisite(s): Recommendation. Can be taken with Lang Acquisition: English Language Acquisition

DP Language & Literature

LL1112151	DP Lang&Lit SL1	Grade(s): 11	Credits 1
LL1112152	DP Lang&Lit SL2	Grade(s): 12	Credits 1
LL1112161	DP Lang&Lit HL 1	Grade(s): 11	Credits 1
LL1112162	DP Lang&Lit HL2	Grade(s): 12	Credits 1

In DP Language & Literature, students study a wide range of literary and non-literary texts in a variety of media. By examining communicative acts across literary form and textual type alongside appropriate secondary readings, students will investigate the nature of language itself and the ways in which it shapes and is influenced by identity and culture. Approaches to study in the course are meant to be wide ranging and can include literary theory, sociolinguistics, media studies and critical discourse analysis among others.

SL students are required to study four literary works and a number of non-literary texts that are equivalent in teaching and learning time, whereas HL students are required to study six literary works and a number of non-literary texts that are equivalent in teaching and learning time. In paper 1, both SL and HL students are presented with two previously unseen non-literary extracts or texts from different text types, each accompanied by a guiding question. SL students are required to write a guided analysis of one, while HL students must write guided analyses of both non-literary extracts or texts.

In addition, HL students will have a fourth assessment component, the higher level (HL) essay, a written coursework task that requires students to explore a line of inquiry in relation to a studied non-literary body of work, or a literary work. The outcome of this exploration is a 1200-1500 word essay in which HL students are expected to demonstrate a deeper understanding of the nature of linguistic or literary study.

Prerequisite(s): Successful completion of MYP Language & Literature 4 and 5

LL1112141 Communications Grade(s): 11 or 12 Credits .5

As communication skills are essential in the 21st century workplace, this class provides students with the tools needed to share ideas with clarity and creativity. Projects are real-life tasks, asking students to prepare a TED Talk, write blog entries, and create an engaging podcast. Along the way, students will investigate the science and business of marketing, brands, advertising, and social media. Additionally, students will develop media literacy with an ability to evaluate news sources and research information.

Prerequisite(s): None

LL1112142 Creative Writing Grade(s): 11 or 12 Credits .5

While all writing is creative, Creative Writing focuses on developing a student's personal writing style and voice. Using classic forms of expression, including poetry, short fiction, memoir, and screenplay, students will experiment with a variety of writing and editing techniques, all with an awareness of audience and performance.

Prerequisite(s): None

LL1112143 Modern Literature Grade(s): 11 or 12 Credits .5

With fresh books and classic ideas, Modern Literature explores the novels and stories of our time. Attention is given to the experience of growing up, how teenagers are making sense of the world around them and becoming adults. This means talking through racism, sexual identity, economic struggles and family expectations, all while finding so much joy in being a young adult. Students are expected to participate in small group and whole group discussions in order to fully develop as readers and thinkers.

Prerequisite(s): None

GROUP 2 LANGUAGE ACQUISITION

LA0912231 HS Spanish Phase 1 Grade(s): 9 Credits 1

In this introductory course, students will acquire novice communicative skills and will develop cultural awareness. It provides instruction in listening, reading, writing, and speaking in the target language. . Topics include: describing self and others; asking and giving essential information; initiating and responding to greetings and introductions; expressing quantity and costs; discussing personal opinions or needs; identifying common objects; expressing location of self and others related to simple activities; and becoming familiar with geography and culture of Spanish speaking countries.

Prerequisite(s): None

LA0912232 HS Spanish Phase 2 Grade(s): 10 Credits 1

This course helps students further develop linguistic proficiency and cultural awareness. It provides learning experiences that enhance speaking, listening, reading and writing skills, and provides research opportunities on a variety of cultural practices. Topics include: describing self and others in more detail; describing relationships; recounting events in the past; describing objects such as food, clothing, and homes; expressing and responding to commands; making recommendations; and becoming familiar with the differing cultures of countries where Spanish is spoken.

Prerequisite(s): Successful completion HS Spanish Phase 1

LA0912233 MYP Spanish Phase 3 Grade(s): 9 Credits 1

This course offers students an opportunity to acquire communicative skills based on grammar and vocabulary while developing linguistic proficiency. Use of the target language in class is emphasized. It provides instruction in listening, reading, speaking and writing skills. Students study cultural traditions and practices in order to compare them to those of their own culture. Topics include: extending and accepting invitations; cooking and restaurant etiquette; asking for and giving directions; traditional Latin-American clothing; asking for and giving opinions; expressing feelings; making future plans; describing events in the past; and staying fit and healthy.

Prerequisite(s): Successful completion MYP Phases 1 & 2

LA0912234 MYP Spanish Phase 4 Grade(s): 10 Credits 1

This course builds off of MYP Spanish 3 and prepares students for DP Spanish. Instruction is primarily in the target language. Students further enhance listening, reading, speaking and writing skills. Students study cultural traditions and practices in order to compare them to those of their own culture. Topics include: global economics and the European Union; Latin-American and Hispanic literature; travel and becoming a global citizen; cooking and traditional recipes; traditional Latin-American clothing; asking for and giving opinions related to current world issues; making future plans and describing events in the past.

Prerequisite(s): Successful completion of MYP Spanish Phases 1-3

English Language Acquisition

LA0912235 Language Acquisition English Phase 3 Grade(s): Credits 1

LA0912236 Language Acquisition English Phase 4 Grade(s): Credits 1

This course is designed to support learners whose first language is not English. It identifies the students' current proficiency level in the English language and supports students in developing interpersonal skills through conversation with a focus on listening comprehension and presentational skills. Research and investigation will be integral as students explore culture and identity throughout the course.

Prerequisite(s): Recommendation. Can be taken with Lang & Lit for English Language Learners

Heritage Spanish

LA0912237	Heritage Spanish 1	Grade(s): 9	Credits 1
LA0912238	Heritage Spanish 2	Grade(s): 10	Credits 1

This Heritage Spanish course is designed for native and bilingual Spanish-speaking students. The course is taught exclusively in Spanish, and will develop students' communicative competence in reading and writing in their native language. In addition, it will enhance students' use of academic language as well as strengthen their cultural awareness and understanding of the Spanish-speaking world.

Prerequisite(s): Teacher recommendation for Native Spanish students

DP Spanish

LA1112251	DP Spanish SL 1	Grade(s): 11	Credits 1
LA1112252	DP Spanish SL 2	Grade(s): 12	Credits 1
LA1112261	DP Spanish HL 1	Grade(s): 11	Credits 1
LA1112262	DP Spanish HL 2	Grade(s): 12	Credits 1

DP Spanish Language B Standard Level (SL) and Higher Level (HL) are advanced language acquisition courses for students with previous language acquisition experience. . While studying the Spanish language, students also explore associated culture(s). Higher and standard levels are differentiated by: the recommended teaching hours, the depth of syllabus coverage, the required study of literature at HL, and the level of difficulty and requirements of the assessment tasks and criteria. The range of purposes and situations for using language in the language B courses extends well beyond those for language Ab initio.

Key features of the curriculum and assessment models

- Available at standard (SL) and higher levels (HL)
- Interactive, productive and receptive skills are developed through contextualized study of language, texts and themes
- Intercultural understanding and plurilingualism are key goals of the course
- Students are exposed to a variety of authentic texts and they produce work in a variety of communicative contexts

Prerequisite(s): Successful completion of MYP Spanish 1-4 is recommended

DP Language B Ab Initio (SL)

LA1112253	DP Ab Initio 1 Mandarin SL 1	Grade(s): 11	Credits 1
LA1112254	DP Ab Initio 2 Mandarin SL2	Grade(s): 12	Credits 1
LA1112255	DP AB Initio 1 French SL 1	Grade(s): 11	Credits 1
LA1112256	DP Ab Initio 2 French SL2	Grade(s): 12	Credits 1

The language B Ab initio course is a language acquisition course for students with little or no experience of the language. The course is organized into three themes: individual and society, leisure and work, and urban and rural environment and will be taught online and facilitated by School Lane staff. Each theme comprises a list of topics that provide students with opportunities to practice and explore the language and to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students develop the ability to respond and interact appropriately in a defined range of everyday situations. This course is only available at standard level (SL)

Prerequisite(s): None

GROUP 3 INDIVIDUALS & SOCIETY

IS0909331

MYP I & S 4

Grade(s): 9

Credits 1

The 9th Grade I&S course will explore topics under the umbrella of change in the 19th and 20th centuries. Students will look at the impact of the Industrial Revolution around the world and the impact of innovation on societies. Students will further explore the changes in our everyday lives in the past century and how changes in health and medicine have contributed to these changes. The course will end with an examination of social, cultural and artistic movements and how they reflect the changes people are experiencing in a certain time period.

Prerequisite(s): None

IS1010331

MYP I & S 5

Grade(s): 10

Credits 1

In 10th Grade I&S, students will learn about change in the twentieth century through examining the various reasons nations go to war and the challenges of peacemaking, and how alliances are created in the aftermath of conflict. Students will also look at the rise of nationalism and evaluate the success of several movements in that time period. The course will close with an examination of the impact of civil rights and social protest groups and how they contributed to change during the twentieth century.

Prerequisite(s): None

IS1111341

Civics

Grade(s): 11 or 12 Credits 1

In this course, students will have the opportunity to examine the relationship between the American government and its citizens and trace the roots of government and our human/civil rights within that structure. In addition, students examine the role of the three branches, the political process from elections to policy-making and how liberal and conservatives views on essential issues differ towards reaching the goal of a safe, healthy, happy populace and consider the importance of how citizens' involvement impacts the overall success of the nation. Students not enrolled in DP American History Course are required to take Civics.

Prerequisite(s): None

IS1112342

Modern Wars

Grade(s): 11 or 12 Credits .5

Modern Wars will explore the nature of wars in the late 20th and early 21st centuries, their causes, conduct, and consequences. We will begin by examining why societies and countries fight, why wars continue, what role technology plays in wars, and why wars end. We will also pay particular attention to how modern wars affect individuals, societies, and the world at large. Through examining various case studies on civil wars, revolutionary wars, and limited wars, students will be able to analyze, draw meaningful comparisons, discuss, examine, evaluate modern wars.

Prerequisite(s): None

IS1112344

African Studies

Grade(s): 11 or 12 Credits .5

The African Studies semester elective offers students an opportunity to explore multiple countries found within the diverse continent of Africa. Students will be introduced to different regions within Africa and investigate the various countries, traditions, histories and languages as well as ties to the global community.

Prerequisite(s): None

IS1112345 Asian Studies Grade(s): 11 or 12 Credits .5

The Asian Studies semester elective offers an opportunity for student exploration of multiple countries found within the diverse continent of Asia. Students will be introduced to different regions within Asia and investigate the various countries, traditions, histories and languages as well as ties to the global community.

Prerequisite(s): None

IS1112351	DP History of the Americas SL	Grade(s): 11	Credits 1
IS1112361	DP History of the Americas HL 1	Grade(s): 11	Credits 1
IS1112362	DP History of the Americas HL 2	Grade(s): 12	Credits 1

DP History of the Americas is available at both Standard Level (SL) and Higher Level (HL).

DP History of the Americas SL is a one year DP level course. It is based on a comparative and multi-perspective approach to history. Throughout the year, students will explore history through the six concepts of change, continuity, causation, consequence, significance and perspectives. The course will examine the causes and effects of twentieth century wars, the Cold War, as well as case studies in rights and protests both in the United States and South Africa. Prescribed and Historical topics for both SL and HL include: Rights & Protests, Causes & Effects of 20th C Wars, Authoritarian States

DP History of the Americas HL is a two year DP level course. It begins in year 1 with a comparative and multi-perspective approach to history. Year 2 involves an in depth study of a variety of topics in the Americas in Historical Context

Prerequisite(s): None

IS1112353	DP Psychology SL	Grade(s): 11 or 12	Credits 1
IS1112363	DP Psychology HL 1	Grade(s): 11	Credits 1
IS1112364	DP Psychology HL 2	Grade(s): 12	Credits 1

DP Psychology is a one year SL course for students in Grades 11 & 12. It examines the interaction of biological, cognitive and sociocultural influences on human behavior, while adopting an integrative approach. DP Psychology SL is a one year course that aims to develop in students necessary critical thinking skills that will aid them in evaluating information they encounter in published theories and research studies as well as develop an understanding of how psychological research can be applied responsibly. This is a one year course that stresses the application of academic content to the student's life.

DP Psychology HL is a two year DP level course. It begins in year 1 with an in depth study of biological, cognitive, and sociocultural influences on human behavior. HL students will study additional options in Year 2 such as abnormal, developmental or health psychology in addition to the psychology of human relationships.

Prerequisite(s): None

IS1112355 DP Business Management SL Grade(s): 11 or 12 Credits 1

This course covers the key characteristics of business organization and environment and the business functions of human resource management, finance and accounts, marketing and operations management. Links between the topics are central to the course. Through the exploration of six underpinning concepts (change, culture, ethics, globalization, innovation and strategy), the course allows students to develop a holistic understanding of today's complex and dynamic business environment. The conceptual learning is firmly anchored in business management theories, tools and techniques and placed in the context of real world examples and case studies.

macro level. We will be using a wide variety of print and web-based resources along with hands-on learning activities and labs utilizing models and specimens to investigate the structures and functions of the human body systems. Students interested in a profession such as medicine, nursing, veterinary sciences, physical therapy, sports training, pharmacy, dentistry and public health are introduced to the concepts upon which further study may possibly lead to a life's vocation.

Prerequisite(s): Successful completion of Biology strongly recommended

SC1012444 Forensic Science Grade(s): 11 or 12 Credits 1

Forensic Science is the application of science to the criminal justice system. It incorporates Biology, Chemistry, Physics, Entomology, Earth Science, Anatomy and Physiology. The aim of this course is to use science to tie evidence to the criminal act. Major topics include hair and fiber analysis, document and fingerprint analysis, DNA and blood analysis, death, and impressions and ballistics.

Prerequisite(s): None

SC1112455 DP Astronomy SL Grade(s): 11 or 12 Credits 1

Are we alone in the universe? Astronomy is one of the fastest growing fields in science. Students will study stars, origin of the planets and life, galaxies, and cosmology through practical activities, hands-on experiences, individual investigation and projects. This school based DP curriculum course is meant to prepare students for the IB Astronomy SL exam and serves as an SL option for the Diploma Programme. **This is a one year elective course.**

Prerequisite(s): Successful completion of Algebra 1

SC1112456 DP Environmental Systems & Societies SL Grade(s): 11 or 12 Credits 1

Through studying environmental systems and societies (ES&S) students will be provided with a coherent perspective of the interrelationships between environmental systems and societies; one that enables them to adopt an informed personal response to the wide range of pressing environmental issues that they will inevitably come to face. Students will evaluate the scientific, ethical and socio-political aspects of issues. This course aims to foster an international perspective, awareness of local and global environmental concerns and an understanding of the scientific methods. Topics include societies, ecosystems, biodiversity, atmosphere, climate and human resource use. Hands-on laboratory experience as well as the process of collecting and analyzing data will be an integral part of the course.

This is a one year, elective course

Prerequisite(s): Successful completion of Biology

SC1112451	DP Biology SL 1	Grade(s): 11	Credits 1
SC1112452	DP Biology SL 2	Grade(s): 12	Credits 1
SC1112461	DP Biology HL 1	Grade(s): 11	Credits 1
SC1112462	DP Biology HL 2	Grade(s): 12	Credits 1

DP Biology is a two-year course designed to provide students with an understanding of the important underlying biological themes. The course focuses on four basic biological concepts: the relationship between structure and function; the theme of universality versus diversity; the occurrence of equilibrium within living and non-living systems; and, evolution as an underlying concept for understanding life on earth. Students will become knowledgeable about the ideas and concepts fundamental to biology and will be challenged to think about how biology and emerging biological technologies exist within a global context. Students will apply knowledge from mathematics and language arts classes to successfully complete assessments. Laboratory work forms an integral part of the learning process. Students are expected to be independent learners, willing to grapple with the material on their own and in small groups.

Prerequisite(s): Successful completion of Biology; Algebra 1 highly recommended

SC1112453	DP Physics SL1	Grade(s): 11	Credits 1
SC1112454	DP Physics SL2	Grade(s): 12	Credits 1

Each one of us is a student of physics from the moment of birth. Early on we learn to “conquer” gravity as we support our heads and then our entire bodies. Our eyes learn to focus and we find that we can recognize objects because of the patterns of light reflected from them. This course takes the knowledge students have already acquired and places it in a more formal context using the language of mathematics. Students are expected to be independent learners, willing to grapple with the material on their own and in small groups. Homework assignments and lab experiments will each be a regular part of the learning process. Students are expected to volunteer to show their classmates how to solve some of the more challenging homework problems. Laboratory work will require students to work in small groups to plan and implement an appropriate investigation of physical phenomena. Tests will include both questions to determine conceptual understanding and problems that require mathematical solutions.

Prerequisite(s): Successful completion of Algebra 1, enrollment in Algebra 2 recommended

SC1112453	DP Chemistry SL1	Grade(s): 11	Credits 1
SC1112454	DP Chemistry SL2	Grade(s): 12	Credits 1

Chemistry concepts are the basis for the physical environment in which we live and all biological systems. DP Chemistry will merge theory and practical lab skills to gain a deeper understanding of the application of chemistry concepts both within the classroom and in real world settings. Students will study stoichiometry, atomic structure, periodicity, chemical bonding, thermochemistry, kinetics, equilibrium, acid/base chemical reactions, redox reactions, organic chemistry and more. Math plays a central part of the curriculum, being incorporated in most of the units and used to process and analyze data in the laboratory practical work. By studying chemistry students should become aware of how scientists work and communicate with each other. Teachers provide students with opportunities to develop manipulative skills, design investigations, collect data, analyze results and evaluate and communicate their findings. It allows students to develop interpersonal and information technology skills, which are essential to life in the 21st century. Chemistry is often a prerequisite for many other courses in higher education, such as medicine, biological science and environmental science.

Prerequisite(s): Successful completion of Algebra 1, enrollment in Algebra 2 recommended

GROUP 5 MATHEMATICS

MA0909531	MYP Algebra 1	Grade(s): 9	Credits 1
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MYP Algebra 1 lays the foundation for using variables to describe patterns, explore relationships, and solve problems. In this course, students begin to study number properties more generally and become fluent at manipulating symbols with multiple step methods. Mathematical content is addressed through the study of big ideas allowing students to see the connections between multiple concepts. Through an inquiry-based approach, students are presented with prompts (questions, problems, or scenarios) that they work out individually or collaboratively. They learn to make connections across mathematical ideas while justifying their thinking and strategies. The mathematical content of Algebra I includes Properties of Rational and Irrational Numbers, Creating and Interpreting Expressions and Equations, Linear Equations and Inequalities, including Linear Systems, Solving Quadratic Equations using Multiple Methods, Interpreting and Building Functions using Proper Function Notation, and Summarizing, Representing, and Interpreting Data. Students will take the Algebra Keystone Exam at the conclusion of the course.

Prerequisite(s): none

MA1010532 **MYP Geometry** **Grade(s): 10** **Credits 1**

In MYP Geometry, students will reason inductively to construct geometric patterns, discover geometric relationships and formulate conjectures. Students will reason deductively to construct logical arguments and proofs using appropriate terminology. In this course, focus is placed on communication, inquiry, and reflection, which enable students to better develop, understand, and apply geometric properties in two and three dimensions. Mathematical topics include the basic terms of geometry, area, volume, congruence, similarity, properties of parallel and perpendicular lines, circles, polygons, transformations, the Pythagorean Theorem, and trigonometric ratios. Right triangle trigonometry, solid and coordinate geometry, and conditional probability are also covered in this course. Emphasis is placed on the use of reasoning skills, and two and three-dimensional modeling to solve real-world problems. Additionally, an effort is made to consistently connect geometry topics with algebra concepts students studied in Algebra 1 and will return to in Algebra II following this course.

Prerequisite(s): Successful completion of Algebra 1

MA111533 **Algebra 2** **Grade(s): 10, 11, 12 Credits 1**

The Algebra 2 course is an extension of Algebra 1. Focus is placed on inquiry and reflection, which enable students to better develop, understand, and apply algebraic concepts. Course content will extend from linear functions, through polynomials and quadratic functions, with an emphasis on developing mathematical reasoning. Quadratic equations with complex roots are explored as well as three-dimensional graphs, sequences and series, complex numbers, polynomial functions, quadratic systems, conic sections, transformation of functions, trigonometric functions, statistical inferences, and logarithmic and polynomial expressions and equations. In Algebra 2 students will continue to aspire to reflect the characteristics of the IB Learner Profile and develop the skills and conceptual understandings that prepare them for future math courses.

Prerequisite(s): Successful completion of Algebra 1

MA1112541 **Probability & Statistics** **Grade(s): 11 or 12 Credits 1**

In this course students will gain an understanding of how to appropriately use the terminology and symbols of statistics. Students will examine and critique the validity of data sets. This course will equip students with the following skills: using technology to organize and represent large data sets, solving various probability applications, and applying concepts to test hypotheses and validity of research studies. Concepts include graphical methods, descriptive analyses of data sets, probability, and probability distributions.

Prerequisite(s): None

MA1112542 **Coding** **Grade(s): 11 or 12 Credits 1**

This course, intended for high school students, is fully aligned to the CSTA 3A standards adopted by the state of Pennsylvania. It covers all concepts in the CSTA framework, including Algorithms & Programming, Computing Systems, Data and Analysis, Impacts of Computing, and Networks & the Internet. It is designed for complete beginners with no previous background in programming or computer science.

Prerequisite(s): none

MA1112543 **General Math** **Grade(s): 11 or 12 Credits 1**

In General Math, students will expand their algebraic, geometric, and problem-solving skills in real-world context. Students will apply their knowledge of how to represent different forms of linear functions. They will deepen and extend their understanding of using recursive and explicit formulae to describe arithmetic and geometric sequences. Students will factorize quadratic expressions and

discover how patterns help write quadratic expressions in different forms. In General Math students will learn to organize and depict information logically to gain an understanding of relationships between data sets. They will use representations to generalize trends and make predictions. Finally, students will use logical representations to calculate probabilities and prove results using circle theorems. They will be able to describe the risk of certain events, and discuss how randomness affects the decisions they make.

Prerequisite(s): Successful completion of Algebra 1

MA1112551	DP Math Analysis SL1	Grade(s): 11	Credits 1
MA1112552	DP Math Analysis SL2	Grade(s): 12	Credits 1

The IB DP Mathematics: Analysis and Approaches course is for students interested in mathematics, engineering, physical sciences, and some economics. Students who take DP Mathematics: Analysis and Approaches should be comfortable in the manipulation of algebraic expressions and enjoy the recognition of patterns while understanding the mathematical generalization of these patterns. This DP course recognizes the need for analytical expertise in a world where innovation is increasingly dependent on a deep understanding of mathematics. The focus is on developing important mathematical concepts in a comprehensible, coherent and rigorous way.

Students will be encouraged to apply their mathematical knowledge to solve abstract problems and problems set in a variety of meaningful contexts. There will be a strong emphasis on the ability to construct, communicate and justify correct mathematical arguments. Students should expect to develop insight into mathematical form and structure, and should be intellectually equipped to appreciate the links between concepts in different topic areas.

The internally assessed exploration that is part of this DP course allows students to develop independence in mathematical learning. Throughout the course, students are encouraged to take a considered approach to various mathematical activities, explore different mathematical ideas, and develop the skills needed to continue their mathematical growth in other learning environments.

Prerequisite(s): Successful completion of Algebra 1 and Geometry

MA1112553	DP Math Applications SL 1	Grade(s): 11	Credits 1
MA1112554	DP Math Applications SL2	Grade(s): 12	Credits 1
MA1112563	DP Math Applications HL1	Grade(s): 11	Credits 1
MA1112564	DP Math Applications HL2	Grade(s): 12	Credits 1

IB DP Mathematics: Applications and Interpretation is for students interested in social sciences, natural sciences, medicine, statistics, business, engineering, some economics, psychology, and design. Students who take this course should enjoy seeing mathematics used in real-world contexts and to solve real-world problems. The IB DP Mathematics: Applications and Interpretation course recognizes the increasing role that mathematics and technology play in a diverse range of fields in a data-rich world. As such, it emphasizes the meaning of mathematics in context by focusing on topics that are often used as applications or in mathematical modeling. To give this understanding a firm base, this course includes topics that are traditionally part of a pre-university mathematics course such as calculus and statistics. Students are encouraged to solve real-world problems, construct and communicate the solutions mathematically, and interpret the conclusions or generalizations. The course makes extensive use of technology to allow students to explore and construct mathematical models. Mathematics: applications and interpretation will develop mathematical thinking, often in the context of a practical problem and using technology to justify conjectures. All external assessments involve the use of technology. Students also are encouraged to develop the skills needed to continue their mathematical growth in other learning environments. The internally assessed exploration that is part of

the DP Mathematics: Applications and Interpretation course allows students to develop independence in mathematical learning. Throughout the course students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas.

Mathematics: applications and interpretation: Distinction between SL and HL

Students who choose Mathematics: applications and interpretation at SL or HL should enjoy seeing mathematics used in real-world contexts and to solve real-world problems. Students who wish to take Mathematics: applications and interpretation at higher level will have good algebraic skills and experience of solving real-world problems. They will be students who get pleasure and satisfaction when exploring challenging problems and who are comfortable to undertake this exploration using technology.

Prerequisite(s): Successful completion of Algebra 1 and Geometry

GROUP 6 THE ARTS

VISUAL ARTS

VA0909631 MYP Visual Arts 4 Grade(s): 9 Credits .5

MYP Visual Arts 4 will explore three units under the umbrella of drawing, painting, sculpture, and mixed-media. Students will look at artists-designers throughout the course of history for each unit and learn of the impact of innovation on different societies and cultures. Students will be empowered to develop creative and artistic skills, enabling them to create and present unique work in a variety of mediums (drawing, painting, sculpture, and mixed-medial) while exploring visual art and art practices from different times and cultures. Through inquiry, students might investigate styles, traditions, movements, artists' practices and specific artworks in their contexts as well as the processes, techniques and forms of art-making. Students will develop their ideas by experimenting with a variety of art-making forms, strategies and practices.

Prerequisite(s): None

VA1012635 Photography Digital Art Grade(s): 10, 11, 12 Credits .5

Photography students will explore the importance of photographs in our modern world. They will learn the basic functions and workings of a digital camera and even explore the less advanced picture-taking mechanisms that came before the modern day camera and their effects on society. Students will create a body of work that covers the span of photography, from the advent of the camera to current digital mediums. They will develop their skills at creating successful photographic compositions by changing their viewpoints and perspectives to create interesting, finished photographs. Students will create a series of photographs that tell a sequential story, while considering lighting, contrast, cropping etc. They will also enhance these aspects of their pictures using editing software. Students will practice their communication skills as they present their photographs in a meaningful way, explaining the thought behind their artistic decisions and giving other students constructive feedback.

Prerequisite(s): None

VA1012634 Painting & Drawing Grade(s): 10, 11, 12 Credits .5

In Painting and Drawing, students will develop skills that will help them more accurately represent the visual world around them. Through personal expression, students begin to make a body of work that represents themselves through artistic decisions that are particular to them. We look at a large variety of art pieces from photo realistic art pieces to abstract and expressionist ones. Students will respond to these through class discussions and written responses. They will also critique their own creations and the creations of others, to determine why the end result of their work appears as it does. Students will be expected to help each other grow as creative thinkers and problem solvers, while they explore new types of two dimensional media. Students will focus on creating art that is aesthetically pleasing, identifying what this idea looks like, how it can vary, and creating pieces that are meaningful and personal to them.

Prerequisite(s): None

VA1012633 Graphic Design Grade(s): 10, 11, 12 Credits .5

Digital and technological developments have had an enormous impact on the arts, both in terms of how art is created and the way it is presented, distributed and shared. Graphic Design is an elective course designed to give students an understanding and practical application of graphic design tools. They will learn about the potential and possibilities of creating art using new methods, new media and approaches. Students will use graphics programs, as tools for creativity, experimentation and the exploration of ideas, try out ideas and make modifications to their work. Students will learn the process of creating logos, vector portraits and animations that have a professional design look.

Prerequisite(s): None

VA1012632 3D Art Grade(s): 10, 11, 12 Credits .5

The 3D Art Course will develop students' skills in 3D design and comprehension of art history through the practice of sculpture and 3D digital design modeling. Students will research, analyze, and review the impact various contemporary artists have had on a local, national, and global level. Various mediums will be accessible for student inquiry such as clay, paper mache, textiles, moldmaking and casting materials, and the use of a 3D Printer. Students will be given opportunities to present their artwork for group critique and will learn how to facilitate audience interaction regarding their 3D artwork.

Prerequisite(s): None

VA1112653 DP Film SL Grade(s): 11 or 12 Credits 1

At the core of the DP film course lies the need for creative exploration and innovation. Students are challenged to acquire and develop critical thinking, reflective analysis and the imaginative synthesis that is achieved through practical engagement in the art, craft and study of film. Through the study and analysis of film texts, and through practical exercises in film production, the film course develops students' critical abilities and their appreciation of artistic, cultural, historical and global perspectives in film. Students examine film concepts, theories, practices and ideas from multiple perspectives, challenging their own viewpoints and biases in order to understand and value those of others. Students experiment with film and multimedia technology, acquiring the skills and creative competencies required to successfully communicate through the language of the medium. They develop an artistic voice and learn how to express personal perspectives through film. Students submitting to DP will create a portfolio of work, consisting of textual analysis, film production role exploration through formal writing and a film reel, and a comparative analysis done through film reels and narration.

Prerequisite(s): None. Students will be required to return the DP Film course consent form.

VA1112651 DP Visual Art SL 1 Grade(s): 11 Credits 1
VA1112652 DP Visual Art SL 2 Grade(s): 12 Credits 1

The IB Diploma Programme Visual Arts Course encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem-solving and divergent thinking while working towards technical proficiency and confidence as art-makers. In addition to exploring and comparing visual arts from different perspectives and in various contexts, students are expected to engage in, experiment with, and critically reflect upon a wide range of contemporary practices and media. The course is designed for students preparing for college and wanting to study visual arts at an advanced level while seeking lifelong enrichment through the arts. This course encourages students to actively explore the visual arts within and across various local, regional, national, and international contexts. Through inquiry, investigation, reflection, and creative application, visual arts students develop an appreciation for the expressive and aesthetic diversity in the world around them.

Assessment Criteria

- Comparative Study: Students examine and compare artworks, objects, and artifacts; Within the HL option students also analyze the extent to which their work and practices have been influenced by the art and artists examined.
- Process Portfolio: Students submit carefully selected materials which demonstrate their experimentation, exploration, manipulation and refinement of a variety of visual arts activities during the two-year course. The work will be created in 2 - 3 different art making forms

- Exhibition: Students create a selection of resolved artworks for their exhibition. The selected pieces show evidence of their technical accomplishment during the visual arts course and an understanding of the use of materials, ideas and practices to realize their intentions”

Standard Level (SL) and Higher Level (HL) both cover the same overarching concepts. HL offers more standards for each task, such as additional opportunities for scholarly research, more vast material experimentation opportunities, and a more rigorous assessment standard.

Prerequisite(s): None

PERFORMING ARTS

PA0909631 MYP Performing Arts 4 Grade(s): 9 Credits .5

MYP Performing Arts 4 broadens students’ understanding of vocal and instrumental music and theatre as art forms. It encourages the exploration of music and music practices from different times and cultures and develops students’ creative and musical skills, enabling them to create, rehearse and perform music. Students will explore theatre and theatre practices from different times and cultures to develop creativity and theatre skills, enabling them to create, rehearse and perform pieces of theatre and to reflect on, evaluate and critique their own work and development.

Prerequisite(s): None

PA1012633 Modern Band Grade(s): 10, 11, 12 Credits .5

Modern Band is a performing arts elective that allows students to apply different music techniques, practices, genres, movements and styles in the context of a modern band. Students will experiment with techniques, instrumentation, rhythm, technology, styles, to perform songs in a variety of time periods and genres, including rock, pop, reggae, hip hop, R & B and other modern styles. They will use technology to generate and perform music, rehearse and perform their own or an existing composition and perform their music to an audience, either live or through recordings.

Prerequisite(s): None

PA1012634 Music History Grade(s): 10, 11, 12 Credits .5

Music History is an elective course that offers the opportunity for students to study history and diverse cultural influences on music. This class explores music theory, the work(s) of musicians and composers and music of various styles through inquiry. Students will investigate composers and performers integral to different musical styles throughout history. Activities include listening, discussions, projects, and presentations on different styles of music.

Prerequisite(s): None

PA1012635 Theatre Arts Grade(s): 10, 11, 12 Credits .5

Theatre Arts is an elective course that develops students’ understanding of theatre as an art form, as well as giving students the opportunity to function as artists themselves. It encourages the exploration of theatre and theatre practices from different times and cultures. Students will investigate methods of recording and communicating ideas about theatre and theatre-making (creating, directing, designing, performing) in the arts process journal as well as explore performance and production elements, and how they work together to communicate ideas and feelings and impact an audience. Students will study the history and vocabulary of theater, practice techniques to overcome stage-fright and develop self-confidence, learn basic theater principles in stage movement, voice, diction, and pantomime and concentrate on improvisational techniques and acting skills for in-class performance and video projects.

Prerequisite(s): None

PA1012636

Global Music

Grade(s): 10, 11, 12 Credits .5

This course provides a variety of opportunities for students to learn about the influence of music and dance from various cultures throughout the world. Students will explore Global musical traditions as they investigate the function of music in a multitude of cultures as well as examine the fundamentals, sound, and structure to understand how music is representative of the culture it was created in. Students are given the opportunity to explore various international musical instruments, sources and styles.

Prerequisite(s): None

GROUP 7 HEALTH & PHYSICAL EDUCATION

HP0909731	MYP Health & PE 4	Grade(s): 9	Credits .5
HP1010731	MYP Health & PE 5	Grade(s): 10	Credits .5

MYP HPE4 will be taken during the 9th grade year, while MYP HPE 5 is a 10th grade MYP requirement. These courses will include a combination of individual and team sports activities as well as group cooperative challenges. Health focus will be on continually balancing the different dimensions of human needs including social, emotional, intellectual and physical needs. Completion of MYP Health and PE 4 & 5 are a state graduation requirement.

Prerequisite(s): None

HP1112741	Sports Med/Managem	Grade(s): 11 or 12	Credits .5
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Sports Medicine is designed for students interested in careers such as athletic training, physical therapy, medicine, fitness instruction, Exercise physiology, kinesiology, nutrition, and other sports medicine related fields. Sports medicine will cover topics such as nutrition, body systems, anatomical terms, injury assessment, rehabilitation, therapeutic modalities, and fitness/conditioning/ and strength programs.

Prerequisite(s): None

HP1112742	Yoga, Meditation & Mindfulness	Grade(s): 11 or 12	Credits .5
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This course is designed to introduce students to the basic postures, breathing techniques and relaxation methods of yoga. Students will experience the benefits of physical activity, stretching, and an understanding of what is happening inside their body and mind. The aim of this course is to promote mindful awareness as well as physical, mental and spiritual health.

Prerequisite(s): None

HP1112743	Advanced Health & Nutrition	Grade(s): 11 or 12	Credits .5
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Students in 11th and 12th grade become more autonomous and have to make choices that actively contribute to living a healthy lifestyle. The Advanced Health and Nutrition course is a half-year course that is designed to further students' knowledge on a variety of health topics. Students will develop the skills necessary to continue living a healthy life once they have graduated and moved on from School Lane Charter School.

Prerequisite(s): None

GROUP 8 DESIGN & OTHER ELECTIVES

BD0909831

Entrepreneurial Mindset **Grade(s): 9**

Credits .5

As society is changing in ways that now require everyone to think like an entrepreneur, we must constantly adapt to make ourselves the most viable professional in our chosen fields. Entrepreneurial Mindset is a 9th Grade core Elective designed not only to talk about the mindset, but the process one would take to pursue a specific goal one has for one's self. Entrepreneurship is an opportunity discovery process. Students will discuss and practice 8 core concepts throughout this course in order to plan and grow as a young professional in their chosen fields.

Prerequisite(s): None

BD1010832

Personal Finance

Grade(s): 10

Credits .5

Personal Finance is a 10th Grade core Elective designed to teach basic personal finance skills to prepare and enable students to make wise money management decisions. This course will develop students' awareness and personal finance skills in such areas as earning money, saving & investing, borrowing money, financial services, risk management, and money management. The goal for this course is to provide a foundation of understanding to prepare students to make knowledgeable personal financial decisions in the future.

Prerequisite(s): None

OTHER

WS0912070

Intern/Work/Enrich

Credits 0

Seniors in good academic standing, as determined by the school counselor and principal, have the opportunity to take a reduced schedule at School Lane Charter School so they can pursue an internship, work, or college level courses outside of school.

Prerequisite(s):

- *Complete the Reduced Senior Schedule application*
- *Meet with their school counselor to review graduation credits*
- *Provide proof of hours completed at internship or work (pay stub, letter from supervisor) to the school counselor throughout the school year.*
- *Provide proof of enrollment in college courses.*
- *Notify the school counselor if hours or employment status changes.*
- *Students must work (hours) equivalent to the number of school hours they are leaving early.*
- *Have parent/guardian permission to participate in the program.*

TK1111001

Gr 11 TOK (S2)

Grade(s): 11

Credits .5

TK1212001

Gr 12 TOK (S1)

Grade(s): 12

Credits .5

Theory of knowledge (TOK) is a required course for full DP students. The course is about critical thinking and inquiring into the process of knowing, rather than about learning a specific body of knowledge. It plays a special role in the DP by providing an opportunity for students to reflect on the nature of knowledge, to make connections between areas of knowledge and to become aware of their own perspectives and those of the various groups whose knowledge they share. It is a core element undertaken by all DP students. The overall aim of TOK is to encourage students to formulate answers to the question “how do you know?” in a variety of contexts, and to see the value of that question. This allows students to develop an enduring fascination with the richness of knowledge.

Prerequisite(s): Preference given to full DP candidates

PP1010030

Personal Project

Grade(s): 10

Credits .5

The Personal Project is a requirement for all 10th grade students and is a graduation requirement. The Project is a student-centered, creative endeavor in which they demonstrate both their knowledge and skills acquired throughout the Middle Years Program. (MYP) This long-term project is designed as an independent learning experience that formally assesses a students’ Approaches to Learning (ATL) skills for self-management, research, communication, critical and creative thinking, and collaboration. The Personal Project encourages students to practice and strengthen their ATL skills, to connect classroom learning engagements with personal experience, and to develop their own interests for lifelong learning.

Prerequisite(s): None

Specialized Learning Support:

Students are assigned to classes by the administrative team. All academic subjects and functional life skills are taught by a certified Special Education teacher. Students may be enrolled for some or all of the class periods, students will participate with their peers in the general education classes to the maximum extent possible. In the SLS classroom, increased levels of instruction focuses on improving developmental, academic, social and behavior skills. The curriculum is designed to accommodate students’ needs in working towards successful completion of the high school coursework and to facilitate student’s preparation for their post-secondary education, training, employment and independent living goals.

Prerequisite(s): Recommendation through IEP