

# DYISH Subject Syllabus

## First Semester, Academic Year 2023-2024

Subject:				
Periods per week		2 hrs		
Teacher		Angel Chen		
Textbook/Teaching Materials		<ul style="list-style-type: none"><li>• Oxford IB Diploma Programme (2023 edition)</li><li>• Campbell Biology Concepts and Connections (2022, Pearson)</li><li>• <a href="https://ib.bioninja.com.au/">https://ib.bioninja.com.au/</a></li></ul>		
Formative assessment		worksheets, classroom QAs, lab practical work, discussion		
Summative assessment		SA: 40%, SA2: 40%; class work/lab report/reflection report: 20%		
Please consider how to develop learner profile, ATL, and TOK connections in your lesson plans.				
Week	Dates	Teaching Unit	Assessment	Notes
1	8/30-9/1	Course Introduction		8/30 School starts
2	9/4-09/8	A2.1 Origins of cells		
3	9/11-9/15	A2.3 Viruses		
4	9/18-9/22	A1.1 Water		9/23 Workday
5	9/25-9/29	D2.3 Water potential		9/29 Holiday
6	10/2-10/6	B1.2 Proteins		
7	10/9-10/13	A1.2 Nucleic acids		10/9-10/10 Holiday 10/11-13/ First Midterm (Regular Department)
8	10/16-10/20	A2.2 Cell structure		
9	10/23-10/27	B2.1 Membranes and membrane transport		
10	10/30-11/3	B2.2 Organelles and compartmentalization		
11	11/6-11/10	SA 1		11/11 School Sports Meet
12	11/13-11/17	B2.3 Cell specialization		11/13 Holiday
13	11/20-11/24	D.2.1 Cell and nuclear division		11/20 Midterm Grade Deadline 11/22 Progress Report Issuance
14	11/27-12/1	C1.1 Enzymes and metabolism		11/27-29 Second Midterm (Regular Department)
15	12/4-12/8	C2.1 Chemical signaling		
16	12/11-12/15	C2.1 Chemical signaling		
17	12/18-12/22	C1.2 Cell respiration		
18	12/25-12/29	C1.2 Cell respiration		
19	1/1-1/5	C1.3 Photosynthesis		1/1 Holiday
20	1/8-1/12	C1.3 Photosynthesis		
21	1/15-1/19	SA 2		1/17-18 Final Exam (Regular Department) 1/19 Closing Ceremony
22	1/22-1/26			

23	1/29-2/2			2/2 Tern Grade And Comments Deadline on ManageBac 2/6 Term Report Issuance
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