

## 2022-2023 Spring Semester Science Class Syllabus IP7A

## International Department Hsinchu Campus

Week	Date	Unit	Lesson Topic
1	02/13-02/18 02/13 First Day of Semester 02/18 Make up for 02/27	7G The Particle Model	<ul> <li>Solids, Liquids and Gases</li> <li>Hypothesis and Theories</li> <li>Particles</li> <li>Brownian Motion</li> <li>Diffusion</li> <li>Air Pressure</li> <li>Forecasting the Weather</li> <li>Waste</li> </ul>
2	02/20-02/24		
<u>3</u>	02/27-03/03 02/27-02/28 Peace Memorial Day 03/04 PTC		
4	03/06-03/10	7H Atoms, Elements and Molecules	<ul> <li>The Air We Breathe: Atoms</li> <li>Our Material World</li> <li>Sorting Resource Data</li> <li>Earth's Elements</li> <li>Metals and Non-metals</li> <li>Making Compounds</li> <li>Chemical Reactions</li> </ul>
5	03/13-03/17		
6	03/20-03/25 03/25 Make up for 04/03		
7	03/27-03/31	7J Electricity	<ul> <li>Static Electricity</li> <li>Measuring Electricity</li> <li>Circuits and Switches</li> <li>Circuits: In Series and In Parallel</li> <li>Models in Circuits</li> <li>Using Electricity</li> </ul>
<u>8</u>	04/03-04/07 04/03-04/05 Children's Day & Tomb Sweeping Day		
9	04/10-04/14		
10	04/17-04/21	Midterm Exams	
11	04/24-04/28	<ul> <li>Energy from Food</li> <li>Energy Transfer and Stores</li> <li>Fuels and Resources</li> </ul>	Energy Transfer and Stores
12	05/01-05/05		
13	05/08-05/12		
14	05/15-05/19	7K Forces	<ul> <li>Introduction to Forces</li> <li>Springs</li> <li>Friction</li> <li>Pressure</li> <li>Si Units</li> <li>Balanced and Unbalanced</li> </ul>
15	05/22-05/26	Final Assessments: Science Fair Projects	
16	05/29-06/02		
17	06/05-06/09		
18	06/12-06/17 06/17 Make up for 06/23	<ul> <li>Making Sounds</li> <li>Moving Sounds</li> <li>Detecting Sounds</li> <li>Using Sounds</li> </ul>	
<u>19</u>	06/19-06/23 06/22-06/23 Dragon Boat Festival		<ul><li>Moving Sounds</li><li>Detecting Sounds</li></ul>
20	06/26-06/30 06/30 Last Day of Semester		

<sup>\*</sup>Please check Google Classroom for more detailed information.