



2013 PHYSICS SECONDARY THREE SCHEDULE

Term 1 [2 Jan to 15 Mar]

Weeks	Topics	Worksheets/ Assignments	Practicals	Assessments	Remarks
0			Lab Safety Regulations		Start from 2 Jan (Wed) 2 & 3 Jan (orientation)
1	Overview of Physics Physical Quantities & Units	Introduction to Physics	Physics Practical Resource Notes: PRN 1.1-1.3 Physical Quantities & Units, Conversion of units, Recording		
2	Kinematics (Distance, displacement, speed, velocity, acceleration)	WS 1.1 WS 1.2	PRN 1.4A Tabulation PR 1 Measurement of length		17 Jan (Thu) S3 PTM 6-8pm
3	Kinematics (Ticker-tape)	WS 1.3 AS 1.1 WS 1.4	PRN 1.4B Graphs PR 2 Measurement of time: Simple Pendulum Ticker Tape demonstration	Quiz 1: Measurement	
4	Kinematics (s-t, v-t graphs)	WS 1.5 WS 1.6	PRN 1.5 Precautions PR 3 Kinematics: Falling Ball		
5	Kinematics (Free fall)	WS 1.7 AS 1.2	PRW 1 Kinematics: Bouncing Ball (with Video Tracker) (optional)	Quiz 2: Kinematics 1	8 Feb (Fri) CNY celebrations
6	Kinematics (Equations of motion)	WS 1.8 AS 1.3			11 Feb (Mon), 12 Feb (Tue) Chinese New Year holidays 15 Jan (Fri) Home Learning
7	Dynamics (Types of forces, free-body diagrams)	WS 2.1 AS 2.1			
8	Dynamics (Newton's 1 st law)	WS 2.2 AS 2.2	PR 4 Dynamics: Forces in Equilibrium	Quiz 3: Kinematics 2	28 Feb (Thu) Student Leaders Investiture 1245h 1 Mar (Fri) Annual Prize Giving 3-5 pm
9	Dynamics (Newton's 2 nd law)	WS 2.3	SPA Skill 1 Revision		
10	OBS Camp / Lifeskills Camp				



2013 PHYSICS SECONDARY THREE SCHEDULE

Term 2 [25 Mar to 31 May]

Weeks	Topics	Worksheets/ Assignments	Practicals	Assessments	Remarks
1	Dynamics(Newton's 3 rd law)	WS 2.4 AS 2.3		SPA Skill 1 Test 1	29 Mar (Fri) Good Friday
2	Dynamics(Vector Addition of Forces)	WS 2.5A,B AS 2.4		<i>BT1 (Mon)</i> Quiz 4: Dynamics 1	
3	Dynamics(Vector Resolution of Forces)	WS 2.6		<i>BT1 (Mon)</i>	
4	Dynamics(Vector Resolution of Forces)	WS 2.6 AS 2.5		<i>BT1 (Mon)</i>	
5	Turning Effect of Forces (Moments)	WS 3.1 AS 3.1	PRW 2 Moments: Turning Effect of Forces	<i>BT1 (Mon)</i>	23 Apr (Tue) ICAS (Science) 8-9am 301
6	Turning Effect of Forces (Principle of Moments)	WS 3.2	PR 5 Moments: Balancing of Masses	<i>BT1 (Mon)</i> Quiz 5: Dynamics 2	1 May (Wed) Labour Day
7	Turning Effect of Forces (CoG & Stability)	WS 3.3 AS 3.2	PR 6 Centre of Gravity: CG of triangular card		
8	Pressure (Fluid Pressure)	WS 4.1 WS 4.2		SPA Skill 1 Test 2	17 May (Fri) Combined Sports Meet
9	Pressure (Measurement, Boyles' Law)	WS 4.3 AS 4.1 WS 4.4		Quiz 6: Turning effect of forces	24 May (Fri) Vesak Day 25 May (Sat) Open House 8am-2pm
10	Sabbaticals				1 Jun (Sat) Issue of report books 8am-1pm



2013 PHYSICS SECONDARY THREE SCHEDULE

Term 3 [1Jul to 6 Sep]

Weeks	Topics	Worksheets/ Assignments	Practicals	Assessments	Remarks
1	Work & Energy	WS 5.1			
2	Power	WS 5.2 AS 5.1			8 Jul (Mon) Youth Day holiday
3	Reflection of Light	WS 6.1	PRW 3 Waves: Light Experiment with Ray-Box		
4	Reflection of Light	WS 6.2 AS 6.1	PR 7 Reflection	Quiz 7: Reflection	25 Jul (Thu) ANCQ
5				Block Test 2 BT2 31 Jul (Wed) – 6 Aug	
6	Refraction of Light	WS 7.1 AS 7.1 WS 7.2	PR 8 Refraction		7 Aug (Wed) ND Celebrns 8Aug(Thu) Hari Raya Puasa 9 Aug (Fri) National Day
7	Refraction (Total Internal Reflection) Lenses	WS 7.3 AS 7.2 WS 8.1		Quiz 8: Refraction	
8	Lenses	WS 8.2 AS 8.1 WS 8.3	PR9 Convex Lenses	SPA Skill 2 Test 1	23 Aug (Fri) Annual X-country
9	Lenses (Lens Formulae - optional) Electromagnetic Spectrum	WS 8.4 AS 8.2 WS 9.1			
10	Revision Practise past year papers			Quiz 9: Lenses	5 Sep (Thu) Teachers' Day celebration 6 Sep (Fri) Teachers' Day



2013 PHYSICS SECONDARY THREE SCHEDULE

Term 4 [16 Sep to 22Nov]

Weeks	Topics	Worksheets/ Assignments	Practicals	Assessments	Remarks
1	Revision Practise past year papers				
2	Revision Practise past year papers				
3	Revision Practise past year papers				
4	EOY Exams (9-11 Oct)				7-8 Oct (Mon-Tue) Home Learning Days
5	EOY Exams (14-18 Oct)				15 Oct (Tue) Hari Raya Haji
6	EOY Exams (21-22 Oct)				23-25 Oct (Wed-Fri) Marking Days
7	Post-Exam Activities				29-31 Oct (Tue-Thu) Checking of scripts
8	Post-Exam Activities				4 Nov (Mon) Deepavali off-in-lieu