# SS Physics I

# 2020-2021

English Presentation on Electricity and Magnetism

## General Guidelines:

- 1 Make a 7-8 minutes PowerPoint presentation on the topic below.
- 2 The presentation should be in English.
- 3 Each member should be given a specific time to speak or present.
- 4 The PowerPoint presentation should contain 5-8 slides, including the title page.
- You can include sample problems in your presentation.
- You can use any text, equations, and figures from this website: "APlusPhysics.com" <u>http://aplusphysics.com/courses/regents/regents-physics.html</u>
- 5 The audience must evaluate the presentation using the evaluation sheets. The teacher will also evaluate both the presenters and the audience using the same sheets.

### Instructions:

- 1 Read the text: "APlusPhysics".
- 2 Watch the video lecture by Mr. Fullerton: <u>http://aplusphysics.com/courses/regents/videos/vid\_index.html</u> 視聴覚室PC¥共通¥SS Physics¥APlusPhysics Video (Electricity and Magnetism)
- 3 Make a PowerPoint presentation composed of 5–8 slides. Make a script of your presentation.
- 4 Practice your presentation several times before the presentation day.
- **5** Present to the ALT and ask for feedback and corrections. (His office is on the third floor, English Teacher's Room.)

6 Submit the PowerPoint file to the teacher using USB memory stick. File Name = "21-3" (←ex. "Class-group number")



7 Give a presentation to the students during the Physics class for 7-8 minutes.

Chapter	Topic	Class	Group	Group	Group	Group
8 Electrostatics	1 Electric Charges		Z23-1	26-1	27-1	28-1
	2 Conduction & Induction	1.4	Z23-2	26-2	27-2	28-2
	3 Coulomb's Law	1st	Z23-3	26-3	27-3	28-3
	4 Electric Fields		Z23-4	26-4	27-4	28-4
	5 Electric Potential Difference		Z23-5	26-5	27-5	28-5
9 Current Electricity	6 Electric Current	Queal	Z23-6	26-6	27-6	28-6
	7 Resistance	- 2nd	Z23-7	26-7	27-7	28-7
	8 Ohm's Law		Z23-8	26-8	27-8	28-8
	9 Circuits		Z23-9	26-9	27-9	28-9
	10 Electrical Energy & Power	2	Z23-10	26-10	27-10	28-10
	11 Voltmeters and Ammeters	- 3rd	Z23-11	26-11	27-11	28-11
	12 Series Circuits		Z23-12	26-12	27-12	28-12
	13 Parallel Circuits		Z23-13	26-13	27-13	28-13
10 Magnetism	14 Magnets & Magnetic Fields	4th	Z23-14	26-14	27-14	28-14
	15 Electromagnetism	401	Z23-15	26-15	27-15	28-15
11 Waves	16 Electromagnetic Spectrum		Z23-16	26-16	27-16	28-16

### APlusPhysics: