

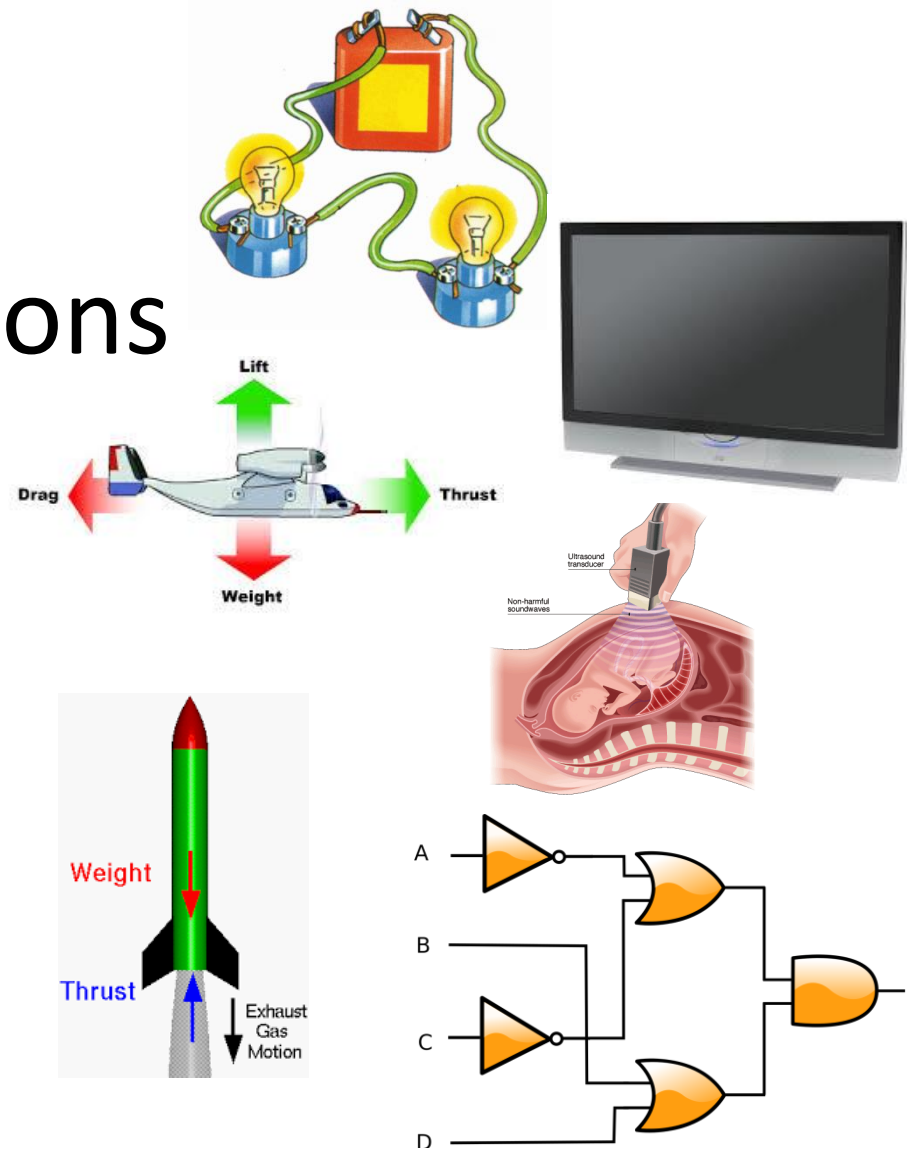


PHYSICS



S2 Physics Course Content

- Electricity
- Telecommunications
- Forces & Motion
- Medical Physics
- Space Physics
- Electronics



Skills Developed

Following instructions

Investigative skills

Constructing tables & graphs

Safe experimental practices

Presentation skills

Group working skills

Planning skills

Study skills

Independent working

Scientific inquiry

Recording observations & results

Report writing

Drawing conclusions

Problem solving

Analysing & Interpreting

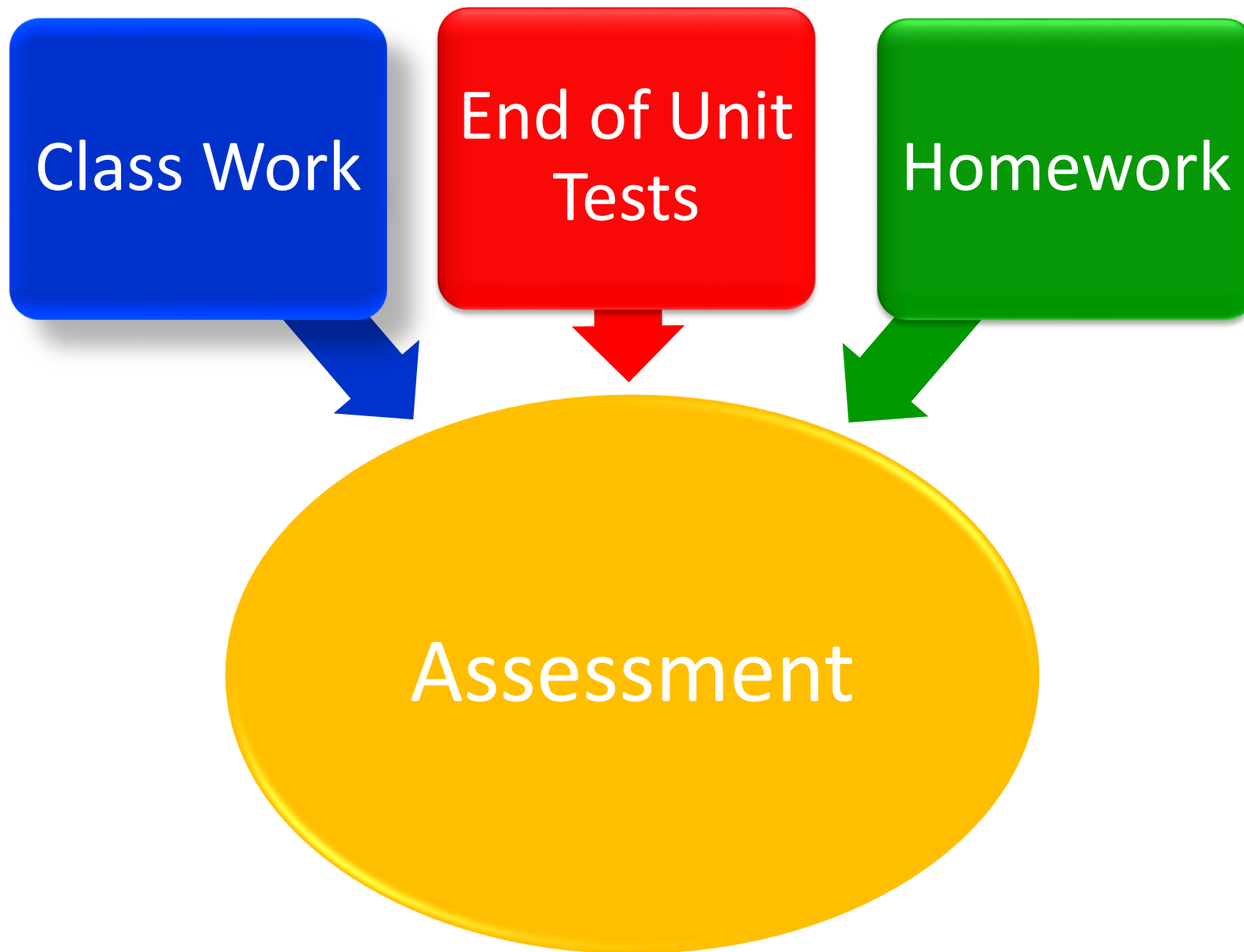
Making informed choices

Departmental Website



S2 Physics 2018-19						
Week No.	Week End	Labs 1,2,8			Labs 3,10	
		Topics completed			Topics completed	
1	17/08/2018	I/S	I/S		I/S	I/S
2	24/08/2018	Resistance			Current and Voltage	
3	31/08/2018	Circuits			Resistance	
4	07/09/2018	Household Electricity			Circuits	
5	14/09/2018	Assessment			Assessment	
6	21/09/2018	Speed	I1	H	Wave Characteristics	I1 H
7	28/09/2018	H	Forces and Fields		H	Communication
8	05/10/2018	Weight			Optical Fibre Communication	
9	12/10/2018	Newton's First Law		I/S	Radio and Television	I/S
10	26/10/2018	Projectiles			Satellites	
11	02/11/2018	Assessment			Assessment	
12	09/11/2018	Assessment			Speed	
13	16/11/2018	Wave Characteristics			Forces and Fields	
14	23/11/2018	Communication Using Cables			Weight	
15	30/11/2018	Optical Fibre Communication			Newton's First Law	
16	07/12/2018	Radio and Television			Projectiles	
17	14/12/2018	Satellites				
18	21/12/2018	Assessment			Assessment	
19	11/01/2019	The Solar System			Sound and Ultrasound	
20	18/01/2019	Eclipses			Light and Sight	
21	25/01/2019	Signals from Space	I2		Using the Spectrum	I2
22	01/02/2019	Space Travel			Radiation	
23	08/02/2019	Stars	I/S		Radiation in Medicine	I/S
24	15/02/2019	H H	Origins and Endings		H H	
25	22/02/2019	Assessment			Assessment	
26	01/03/2019	Assessment			The Solar System	
27	08/03/2019	Input Devices			Eclipses	
28	15/03/2019	Output Devices			Signals from Space	
29	22/03/2019	Logic Gates			Space Travel	
30	29/03/2019	Electronic Systems			Stars	
31	19/04/2019				Origins and Endings	H
32	26/04/2019	H	Assessment		H	
33	03/05/2019	Sound and Ultrasound			Assessment	
34	10/05/2019	H	Light and Sight	F H	Input devices	F
35	17/05/2019	Using the Spectrum			Output Devices	
36	24/05/2019	Radiation			Logic Gates	H
37	31/05/2019	H I/S	Radiation in Medicine	P	H I/S	Electronic Systems
38	07/06/2019					
39		Assessment			Assessment	
40						
41		All pupils will receive at least one piece of written homework every fortnight. In addition to this pupils are expected to study regularly and to prepare posters, power point presentations or lab reports as required.				

<https://tinyurl.com/SNHSPHysicsS2>



Transition from S2 to S3

First unit in S3, Waves & Radiation, is very similar for both N4 and N5.

Course (N4 or N5) followed is determined by:

- Assessment data, in particular S2 test scores
- Professional judgement
- Progress through the first unit