Aims

1. Top 20% of similar schools
2. Teaching is good
3. 90% no behaviour codes
4. Attendance above 95%

Beckfoot Thornton
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Priorities

1. Challenge in teaching
2. Approach to learning
3. Student leadership
4. Middle leadership
5. Reading
6. Sixth form

KS3 Science – Year 7 2018-2019

2 lessons per week

Department **Year 7 grades 3-8 long term plan**

	Assessment weeks
	Moderation week
	Data Capture
	STAR marking
	Exit Poll

Key Skills to be Covered

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
W/C Date	03-Sep	10-Sep	17-Sep	24-Sep	01-Oct	08-Oct	15-Oct		29-Oct	05-Nov	12-Nov	19-Nov	26-Nov	03-Dec	10-Dec	17-Dec		
Topic	Introduction to Science (Skills Unit) 10 Lessons						Unit 1: Cells		Biology Unit 1 Cells					Chem. Unit 1: Particles				
Key Objectives	Admin Lesson L1 Safety in the Lab	L2 Hazard Symbols L3 Units	L4 Bunsen Burners L5 Types of Data	L6 Graphs and charts L7 Observation skills	L8/9 Carrying out an investigation	KS2 SATs Qs or Practical Assessment	Green pen and intervention L1a Using a light microscope		L1b Using a light microscope L2 Animal cells	L3 Plant Cells L4 Specialised cells	L5 Specialised cells L6 – Diffusion	L7 – Diffusion in cells L8 Unicellular Organisms	L9 Revision Assessment L10 Intervention Lesson	L1 Particle Model L2 Change of state	L3 Diffusion and CMP1 CMP1 Green Pen lesson	L4 How heat moves. L5 Gas Pressure & Exam Skills		
Assessment															**CMP 1**			
Homework																		

Week	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
W/C Date	07-Jan	14-Jan	21-Jan	28-Jan	04-Feb	11-Feb		25-Feb	04-Mar	11-Mar	18-Mar	25-Mar	01-Apr	08-Apr		
Topic	Chem Unit 1 Particles					Forces		Physics Unit 1 Forces						Body Systems		
Key Objectives	L4 How heat moves. L5 Gas Pressure & Exam Skills	L6 Elements and CMP2 CMP1 Green Pen lesson	L7 Atoms L8 Compounds	L9 Chemical Formulae L10 Word Equations	L11 Combustion L12 Revision and Assessment	L1 Introduction to forces. L2 Rockets		Particles Green Pen Lesson L3 Mass on a spring (2 lesson prac)	L4 Mass on a spring (2 lesson prac) L5 Mass and weight.	L6a Friction practical 1 & CMP CMP1 Green Pen lesson	L6b Friction practical 2 L7 Forces and motion	L8 Magnetic Forces L9 Egglanders	L10 Revision and Assessment Forces Green Pen and Intervention Lesson	L1 MRS GREN L2 Tissues		
Assessment		CMP 2								**CMP 1**						
Homework																

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Week	35	36	37	38	39	40	41	42	43	44	45	46	46
W/C Date	29-Apr	06-May	13-May	20-May		03-Jun	10-Jun	17-Jun	24-Jun	01-Jul	08-Jul	15-Jul	13-May
Topic	Bio Unit 2: Body Systems					Bio Unit 3 Reproduction			Chem Unit 2: Acids and alkalis		Phys Unit 2: Light and Sound		
Key Objectives	L3 Organs and Organ Systems L4 Respiratory System	L5 Breathing & Data skills. L6 Smoking and CMP	Y7 Assessment CMP Green Pen Lesson	L7 Joints L8 Muscles		L1 Reprod. Systems L2 Fertil& Implant	L3 Develop of fetus L4 Menstrual Cycle and CMP 1	L5 Flowers and Germination L6 Germination Practical.	L1 Safety L2 Indicators	L3 Neutralisation L4 Making Salts L5 Red Cabbage Prac	L1 Intro to Waves L2 Sound Waves	L3 Hearing and the Ear L4 Ultrasound	L5 Reflection L6 Refraction
Assessment		**CMP 1**	Y7 Assessment for Setting			Data drop for Y7-8 setting	**CMP 1**					**CMP 1**	