

CLASS-08
PHYSICAL SCIENCE
UNIT PLAN
CHAPTER: 03 – SYNTHETIC FIBRES AND PLASTICS

PERIOD NUMBER	CONCEPTS / TEACHING POINTS	PAGES IN TEXT BOOK		REMARKS
		FROM	TO	
1.	Clothes from natural resources Articles made up of natural and synthetic fibres Synthetic fibres	31	32	
2.	Polymer Fibres – burning test Nylon – How is nylon made ?	32	34	
3.	How strong is nylon ?	34	35	
4.	Rayon How rayon is prepared ?	35	36	
5.	Why we combine fibres ? Acrylic	36	37	
6.	Why synthetic fibres? Polyesters Laundry codes	37	38	
7.	Identification of PET bottles Resin identification codes Recycling codes	39	39	
8.	Plastics around us Alexander parkes	39	40	
9.	Types of plastics	41	41	
10.	Flame test to identify thermo plastics and thermo setting plastics	41	42	
11.	Thermo plastics – Thermo setting plastics Why do we prefer plastics Hendrick bakeland (Father of plastics) Hot pin test	42	43	
12.	Plastics – Environment Bio degradable – non bio degradable plastics	44	45	
13.	Reduce – Recycle – Reuse – Recover (4R's)	45	47	