



## WEEKLY HOME STUDY PACKAGE - WEEK 5 (02/08/21 – 06/08/21)

Subject	HOME - ECONOMICS	Year/Level	10
Strand	10.3 – CLOTHING AND TEXTILES		
Sub-strand	10.3.1 – Study of fibres and fabrics; blends and finishes, Decorations		
Content Learning Outcome	• List properties common to synthetic fibres.		

### YEAR 10 HOME – ECONOMICS: SOLUTIONS

1. State another name for a polyamide.

**Nylon**

**(1 mark)**

2. Describe **one** advantage of blending acrylic with cellulose fibre.

**Acrylic is blended with cellulose to make the resultant fabric light weight and creasing property is reduced and the fabric will be more absorbent increase durability of other fabric.**

**(1 mark)**

3. Describe the chemical nature of Polyamide fibres.

**Polyamide fibres were the first true synthetic fibres made entirely from chemicals. The basic ingredients are phenol from coal, oxygen and nitrogen from air and hydrogen from water.**

**(2 marks)**

4. Why acrylic or nylon is called an easy-care fabric.

**All synthetic garments (polyester/acrylic/nylon) are easy care therefore they need little care for ironing or laundering.**

**(1 mark)**