



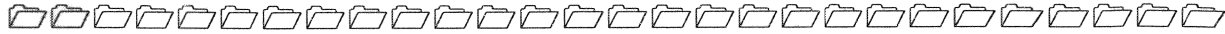
NATURAL FIBERS CHART - TEACHER KEY

FIBER NAME	FIBER CHARACTERISTICS	CLOTHING/USES	HOW THE FIBER AFFECTS CLOTHING CHARACTERISTICS
Cotton	<ul style="list-style-type: none"> • Strong, durable • Supports mildew growth • Absorbs moisture well • Does not spring back into shape 	Blouses Dresses Underwear T-Shirts Shirts Jeans Skirts Sportswear Sheets Towels	<ul style="list-style-type: none"> • An all cotton garment will be comfortable in warm weather. • Wrinkles easily without special finish. • Needs to be ironed at high temperature unless fabric has wrinkle-resistant finish. • Will mildew if stored damp or in damp place. • Very durable; withstands much wear. • Washes easily if colorfast.

FIBER ORIGIN	PROTEIN/CELLULOSE	BURN TEST	CARE
Cotton plant	Cellulose	White ash	<ul style="list-style-type: none"> • Wash in warm/cold water • Medium dryer • Hot/medium iron

FIBER NAME	FIBER CHARACTERISTICS	CLOTHING/USES	HOW THE FIBER AFFECTS CLOTHING CHARACTERISTICS
Ramie	<ul style="list-style-type: none"> • Strong, durable • Supports mildew growth • Absorbs moisture 	Sweaters Dresses Skirts Suits	<ul style="list-style-type: none"> • A ramie blend garment will be very durable; will withstand wear. • Will have a silk-like luster. • Tends to "grow" in size

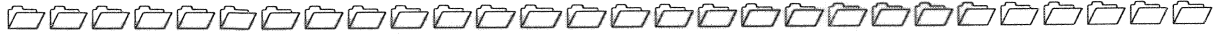
FIBER ORIGIN	PROTEIN/CELLULOSE	BURN TEST	CARE
Ramie plant	Cellulose	White ash	<ul style="list-style-type: none"> • Wash in cold water • Lay flat to dry



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Flax (Linen)	<ul style="list-style-type: none"> • Strong, durable • Supports mildew growth • Absorbs moisture well • Wrinkles terribly 	<ul style="list-style-type: none"> Blouses Dresses Skirts Suits Table linens 	<ul style="list-style-type: none"> • An all linen garment will be very durable; withstand wear. • Be comfortable in warm weather. • Wrinkles very easily. • Washes easily if colorfast. • Needs to be ironed at high temperature unless it has wrinkle resistant finish. • Mildews if stored in a damp place.
FIBER ORIGIN	PROTEIN/CELLULOSE	BURN TEST	CARE
Flax plant	Cellulose	White ash	<ul style="list-style-type: none"> • Wash in warm/cold water • Medium dryer • Hot/medium iron

FIBER NAME	FIBER CHARACTERISTICS	CLOTHING/USES	HOW THE FIBER AFFECTS CLOTHING CHARACTERISTICS
Wool	<ul style="list-style-type: none"> • Warm • Durable • Returns to original shape quickly • Absorbs moisture • Absorbs odors • Resists wrinkling 	<ul style="list-style-type: none"> Sweaters Suits Gloves Skirts Sportswear Socks Slacks Coats 	<ul style="list-style-type: none"> • An all wool garment will be warmer than cotton, silk, or linen. • Is durable; withstands wear. • Retains shape for long periods of time.
FIBER ORIGIN	PROTEIN/CELLULOSE	BURN TEST	CARE
Sheep	Protein	White ash	<ul style="list-style-type: none"> • Generally dry cleaned. • Needs careful handling if washed. • Needs to be pressed at low temperature.



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FIBER NAME	FIBER CHARACTERISTICS	CLOTHING/USES	HOW THE FIBER AFFECTS CLOTHING CHARACTERISTICS
Silk	<ul style="list-style-type: none"> • Smooth and soft • Lustrous • Strong yet delicate • Hangs eloquently 	Skirts Blouses Dresses Suits Scarves Neckties	<ul style="list-style-type: none"> • An all silk garment feels luxurious. • Needs low temperature for ironing. • Shows water spots unless it has a special finish. • Dyes do not set well and are easily ruined.
Silkworm	Protein	White ash	CARE <ul style="list-style-type: none"> • Garments need to be hand washed and ironed or dry cleaned.