

Engineering Everywhere™

Put a Lid On It: Engineering Safety Helmets

Biomechanical Engineering Activities for Youths

Kit #: EESH201503

	Kit		Item Number
	Quantity	Item Description	
Non-Consumable Items			
	1	BALANCE, CLSRM COMPACT 5000G	75625
	1	CALIPER, DOUBLE ENDED	84549
	.083 (1 per kit)	CLIPS, BINDER, LARGE 2" PK/12	84557
	4	GOGGLES, 5" SAFETY	18105
	4	MODEL, HEAD, FOAM 12"	84546
	1	MODEL, HEAD, PLASTIC 10.5"	84547
	1	POSTER, ENGINEER DESIGN SET/2	84400
	1	RULER, PLASTIC W/GROOVE PK/12	46215-12
	8	SCISSORS, 8"	25409
	1	TUBE, CLEAR PLASTIC 8 X 3/4 IN	77216
	1	WIG, COSTUME, SHORT HAIR	84548
Consumable Items			
	2	ALUMINUM FOIL, STD WT 1X25'	20708
	1	BAG, PLSTC ZIP 2 MIL 13X15"	PB20
	100	BAG, PLSTC ZIP 2 MIL 2X3"	PB15
	8	BAG, PLSTC ZIP 2 MIL 6X8"	PB12
	1	BAG, SANDWICH FOLD TYPE BOX	46213
	1	BATTING, POLYESTER 36X45"	25265
	20	BUBBLE WRAP 12X12X5/16"	84554
	4	BUBBLE WRAP 12X60X3/16"	84219
	10	CARDBOARD, CORRUGATED 12X12"	52147
	1	CHEESECLOTH 2 SQ YARDS	102055
	2	COTTON BALLS, LARGE PK/100	77017
	2	CRAFT FOAM, BLUE, 9X12" PK/6	84276
	1	CRAFT FOAM, RED 9X12" PK/6	84277
	1	CRAFT FOAM, YELLOW 9X12" PK/6	83139
	1	FISHING LINE, 20LB TEST 25YD	52065
	10	FOAM SHEET, RIGID 12X12X.5"	84558
	4	INDEX CARDS, BLANK 3X5" PK/100	30193
	8	MODEL, BRAIN, FOAM, GRAY 3"	84551
	2	PAINTBALLS, YELLOW FILL PK/50***	84552
	10	PAN, FOIL 12.75X10.38X1.5"	46287
	1	PASTA, SHELLS, JUMBO PK/12	84585
	1	PETROLEUM JELLY, 3.75 OZ	46248
	2	PIPE CLEANERS, ASST 12" PK/100	10012A
	1	SAND, FINE 2.2LB(1KG)	30343
	4	TAPE, DUCT 10 YRDS.	50735
	4	TAPE, MASKING 1"X 60YDS	MT317
	1	TAPE, PACKING (ROLL) 2"X110 YDS	77037
	1	YARN, RED, ACRYLIC, 3 OZ	30466

*** Paintballs, Yellow Fill PK/50

Storage: 59°-86°F; Maximum Humidity 50%






If paintballs have been in extreme temperatures, allow to come to room temperature before handling.

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NOT INCLUDED IN KIT consumable and non-consumable items			
	1	chart paper	
	1	device to play online videos	
	1 box	dried potato flakes	
	4-8	eggs (raw)	
	1	Engineering Everywhere Special Report DVD or use the link: http://tinyurl.com/k82ndq6	
	1 set	markers	
	1	measuring cup, 1/2 cup	
	1	timer	
	1	trash can or recycle bin	
		(optional) helmet, any type	
		(optional) printed duct tape, various designs	
		(optional) buzzers	

Note: This kit is prepared for 8 groups of 3-5 children