



**GCSE**

# **Home Economics Child Development**

General Certificate of Secondary Education

Unit **B013**: Principles of Child Development

## **Mark Scheme for January 2012**

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B013/01

Mark Scheme

January 2012

## Annotations

Annotation	Meaning
✓	correct response
SEEN	Extended writing seen and read

## Mark scheme

Question			Answer	Marks	Guidance
1	(a)				
			Age	Toy	
			3 months	Mobile	
			1 year	Shape sorter	
			2 ½ years	Play dough	
			5 years	Skipping rope	
	(b)		Norms/milestones.		1

B013/01

Mark Scheme







January 2012

Question			Answer	Marks	Guidance
	(c)		Explain some benefits of bath time for a one year old child.	6 3x2	
			<p>Opportunity for child's skin to be checked by parent/carer</p> <p>Freedom</p> <p>Learn simple concepts</p> <p>Exercise</p> <p>Fun</p> <p>Relaxing/ready for bed</p> <p>Bonding</p> <p>Feel refreshed/convenient/enjoyable way to be washed</p> <p>Hygiene</p>	<p>To spot any infections/conditions needing treatment for child</p> <p>No clothes to restrict movements</p> <p>Playing with water/toys/volume/floating</p> <p>Kicking and splashing with arms and legs</p> <p>Enjoyment of splashing/different toys</p> <p>Warmth can calm a fractious child/soothe ready for sleep</p> <p>Quality time with parent/carer /time to talk or play with child</p> <p>Being clean/use of bubble bath at same time</p> <p>Keep free from infections/bacteria/clean skin</p>	Mix and match

B013/01

Mark Scheme

January 2012




Question			Answer	Marks	Guidance
	(d)		   (Exploratory play) <u>Social play</u> <u>Imaginative play</u>    <u>Fine/Manipulative play</u> <u>Physical play</u> <u>Creative play</u>	5x1	
	(e)	(i)	Happiness Joy Pleasure/pleased Pride Love Excitement Contentment/calmness Humour/giggly/smiling/laughing Kindness Generosity/sharing/co-operation Confidence Patience Satisfaction	2x1	

B013/01

Mark Scheme

January 2012

Question			Answer	Marks	Guidance
		(ii)	Anger Guilt Hate/spiteful Jealousy Impatience/frustration/confusion Sadness/crying/upset Unhappy Rage/cross/temper tantrum/annoyed Anxiety Fear Loneliness/lonely/feeling alone Selfish/self centred Aggression (all types of hitting kicking etc) Boredom	2x1	
			<b>Total</b>	<b>20</b>	

Question			Answer	Marks	Guidance
2	(a)	(i)	<div></div> <p>Nuclear</p> <div></div> <p>Lone/single/one parent</p> <div></div> <p>Extended</p>	3x1	

B013/01

Mark Scheme

January 2012

Question			Answer	Marks	Guidance
		(ii)	Financial/wealth Health/special needs/disability Age range Size/how many people Housing/living conditions Occupation Religion Culture/country of birth  Ethnicity/racial groups Views/values/beliefs/customs Food/eating patterns Location of family home Roles of people within a family	3x1	
	(b)		A basic unit of society/group of people related by marriage/adoption or blood/one or more parents with child/genetically/biologically/DNA related	1	<b>Do not accept “a group of people”</b>
	(c)		Shelter/home Food Warmth Clothing Hygiene/cleanliness Fresh air/sunshine Love Security/safety/protection Support/encouragement/praise Role model/values/training/discipline/guidance Rest/sleep Socialisation Opportunity to learn/stimulation/play/talk to/give attention/educate Stability	4x1	

B013/01

Mark Scheme

January 2012

Question			Answer		Marks	Guidance
	(d)		Two types of foster care with matching descriptions required.		4	
					2x2	
			Type of foster care	Description		
			Emergency	When children at risk need somewhere safe for a few nights		
			Short term	Child looked after for a few weeks/months while plans are made for child's future/home problems are sorted/temporary/family gets paid		
			Short breaks/respite	Child with long term illness/Special needs - child stays with a family to give own family a break		
			Long term	Children who do not want to be adopted stay in long term care until adulthood		
			Specialist therapeutic	For children with complex needs/challenging behaviour		
			Family/friendship/kinship	Lives with a family member if parent/carer has died		
			Total		15	



B013/01

Mark Scheme

January 2012

Question			Answer		Marks	Guidance
3	(a)	(i)	44mg.		1	Answers must include units
		(ii)	Breast.		1	
		(iii)	1.2 g.		1	Answers must include units
		(iv)	Damage to kidneys/kidneys not mature enough to cope with large quantities/ cause dehydration.		1	
	(b)		<b>Three</b> features with matching explanations required.		6 3x2	
			Wide neck Measure on the side Easy to read measures Cap/lid Clear plastic	Easy cleaning/easy to fill Accurate measuring Prevent mistakes/know how much milk baby has taken To keep teat clean Ensure bottle is clean		Can mix and match explanations as long as they are accurate
			Sealing disc  Designed to allow teat to be placed upside down in bottle for travelling/storage  Shaped bottle	Keep sterile/to prevent contamination/bacteria entering  Prevent spillage/leakage  Easier to grip/hold when feeding		

B013/01

Mark Scheme

January 2012

Question			Answer	Marks	Guidance
			Correct size of teat/hole of teat	Too small creates frustration, too large lets in too much air	
	(c)		Parenting problems/parents not coping Special needs child Financial problems Violence in the home Child protection/abuse/at risk Neglect Housing problems/unsafe/damp Provision of statutory services/signposting Advocacy Assessment Long term illness/death/in hospital Fostering/work with foster parents.	3x1	Illness must be qualified
	(d)		They do not know what benefits are available Not aware to what they are entitled/ignorance Forms too difficult /don't understand how to complete Language barrier/poor English Poor literacy skills/cannot read or write/illiterate Embarrassment/seen as charity or handout/too proud/think they don't deserve it Frightened to ask Don't know who to ask/where to go to ask.	2x1	
			<b>Total</b>	<b>15</b>	

B013/01

Mark Scheme

January 2012

Question			Answer		Marks	Guidance	
						Content	Levels of response
4			Rear facing baby seat	<p><b>Group 0:</b> for babies up to 10 kg (22 lbs) from birth to 6-9 months or Group 0+ for babies up to 13kg (29lbs) roughly from birth to 12-15 months. They can be used in the front or rear of the car. It is safer to put them in the rear. <b>DO NOT</b> put them in the front seat if there is a passenger airbag. Rearward-facing seats provide greater protection for the baby's head, neck and spine than forward-facing seats.</p>		<p>Marks are allocated according to the quality of the response. Candidates should be able to show their depth of knowledge and understanding, using correct terminology.</p> <p>In order to achieve a <b>High Level</b> response, <b>both</b> areas must be addressed <b>in detail</b>.</p> <p><b>A candidate answering only one part of the question well remains in the Limited Response level and can access up to 7 marks only. Must be answered well, with clear descriptions and/or explanations.</b></p> <p>If candidates respond by giving answers in a <b>list</b>, they remain in the <b>Low Level</b> response.</p> <p>Bullet point sentences can achieve up to the <b>Limited Response</b> level only.</p>	<p><b>High Level Response 13-15</b> The candidate describes in detail types of child restraints for children when travelling in a car <b>and</b> gives comprehensive explanations of the different safety labels found on items that could be bought for a child. The information will be presented in a clear and organised way. A whole range of specialist terms are used with precision. The candidate can demonstrate the accurate use of spelling, punctuation and grammar.</p> <p><b>Good/Satisfactory Response 9-12</b> The candidate describes some types of child restraints for children when travelling in a car <b>and</b> give some explanations of the different</p>

B013/01

Mark Scheme

January 2012

Question			Answer		Marks	Guidance	
						Content	Levels of response
			Forward facing child seat	<p><b>Group 1:</b> for children weighing 9-18 kgs (20-40 lbs) from 9 months - 4 years approx. Seat has an integral harness, the large area of the harness helps to reduce the risk of injury if there is a crash. The bottom attachment between the legs will also prevent the child from sliding under, and out of, the harness. They can be used in the front or rear of the car, but it is safer to put them in the rear, especially if there is a passenger airbag in the front.</p>			<p>safety labels found on items that could be bought for a child. Information will be offered to support the answer but in general terms with little detail. The information will be offered in a structured format. The candidate can use a range of specialist terms with facility. There may be occasional errors in spelling, punctuation and grammar.</p> <p><b>Limited Response 5-8</b> The candidate gives some valid types of child restraints for children when travelling in a car <b>and/or</b> the different safety labels found on items that could be bought for a child, but explanations may lack detail. Some information will be relevant. The candidate uses some specialist terms, although these may not always be used appropriately. There may be errors in spelling, punctuation and grammar.</p>

B013/01

Mark Scheme

January 2012

Question			Answer		Marks	Guidance	
						Content	Levels of response
			Booster seat	<b>Group 2:</b> for children weighing up to 15kg, 4 to 6 years approx. Booster seats with adult seat belt that goes around the child and the seat. So it is important that the seat belt is correctly adjusted. The basic points to note are: the belt should be worn as tight as possible, the lap belt should go over the pelvic region, not the stomach, the diagonal strap should rest over the shoulder, not the neck.			<b>Low Level Response 0-4</b> The candidate is likely to give limited, muddled or incorrect answers generally with no real knowledge. Answers may be in the form of a list. Answers may not always relate to the question. Answers may be ambiguous or disorganised. There will be little or no use of specialist terms. Errors of grammar, punctuation and spelling may be intrusive.
			Booster cushion	Up to 22kg or 6-11 years to be raised high enough to see out of window and used with an adult seat belt.			

B013/01

Mark Scheme

January 2012

Question			Answer		Marks	Guidance	
						Content	Levels of response
			Carry cot restraints/baby safe sleeper	Must have hard sides/baby laid flat/ fitted with a special belt or harness/placed on rear seat.			
			Isofix with child seat	ISOFIX (International Standards Organisation FIX) is a new standard for car seat installation that's being adopted by car seat manufacturers worldwide. The system operates through ISOFIX points on the back of the child car seat that plug into ISOFIX fittings in the car, creating a solid link between the child's car seat and the car.			
			<b>Child</b> proof door locks/ <b>child</b> locks on door	To prevent child getting out or opening door when travelling			
			Window locks	To prevent child putting out head/limbs or climbing out			
			British Standards Kitemark/ BSI label/BSI mark/BSI	On a range equipment eg cots/prams/high chairs/car seats etc. Checks an agreed standard it will do its job safely and correctly. Tests quality/ design features/materials/ suitability.			
			BEAB	Electrical equipment, tested for electrical safety/fire risk.			

B013/01

Mark Scheme

January 2012

Question			Answer		Marks	Guidance	
						Content	Levels of response
			CE	Found on toys/ meets the standards of the EU. Textiles both inside and outside must be non flammable/plastics, metals and paints used are non toxic.			
			Lion mark	On toys made in the UK /meets safety requirements of the British Toy and Hobby Association.			
			Age advice Symbol	On toys unsuitable for children under 3 years old/ small parts.			
			Low Flam	On children's clothes made from terry towelling which is very flammable. Must show if they have passed a Low Flam test.			
			Keep away from fire	Written in capital red letters to show extreme care is needed as fabrics are not slow burning.			
			Warnings on food packets	Allergy advice eg nuts			
				<b>Total</b>	<b>15</b>		

B013/01

Mark Scheme

January 2012

Question			Answer	Marks	Guidance												
5	(a)		Complete the table below.	3x1													
			<table><tr><td>Nutrient</td><td>Good food source</td><td>Use in the body</td></tr><tr><td>Iron</td><td>Green leafy vegetables</td><td>Making red blood cells</td></tr><tr><td>Calcium</td><td>Milk</td><td>Strong bones/strong teeth Prevent rickets</td></tr><tr><td>Fibre</td><td>Fruit/veg/named fruit or veg/wholegrain cereals/brown rice/brown pasta/wholemeal bread/nuts</td><td>Prevents constipation</td></tr></table>			Nutrient	Good food source	Use in the body	Iron	Green leafy vegetables	Making red blood cells	Calcium	Milk	Strong bones/strong teeth Prevent rickets	Fibre	Fruit/veg/named fruit or veg/wholegrain cereals/brown rice/brown pasta/wholemeal bread/nuts	Prevents constipation
			Nutrient			Good food source	Use in the body										
			Iron			Green leafy vegetables	Making red blood cells										
			Calcium			Milk	Strong bones/strong teeth Prevent rickets										
Fibre	Fruit/veg/named fruit or veg/wholegrain cereals/brown rice/brown pasta/wholemeal bread/nuts	Prevents constipation															
	(b)		Music Homeopathy Acupuncture Reflexology Hypnosis/hypnotherapy Water pool/water birth/warm water Move about/walk about/change position Birth ball Yoga/Pilates/meditation TENS. Massage	3x1													



B013/01

Mark Scheme

January 2012

Question			Answer	Marks	Guidance
	(c)		Three different points with matching descriptions required.	6 3x2	
			Where		
			At home/ hospital/consider previous history/complications during pregnancy		
			Delivery Options		
			In bed/water birth/music playing/caesarean/vaginal delivery/who is to cut cord/baby given to partner or put straight on to stomach/breast after birth/skin to skin contact straight away or baby washed first		
			Who		
			Who mother would like to be present during birth eg partner/mother/friend etc		
			Position		
			Sitting/squatting/standing/ where would you prefer partner to be		
			If things don't go to plan		
			If she would prefer forceps/caesarean by epidural or general anaesthetic		
			Consent		
			Consent to have student nurses/midwives/Doctors present		
			Religion/culture		
			Any special observances		
			Diet		
			Any special diet/ foods to avoid		

B013/01

Mark Scheme

January 2012

Question			Answer	Marks	Guidance
			Feeding the baby		
			Monitoring baby's heartbeat		
			Vitamin K injection		
	(d)		Baby monitor/alarm Cot/crib/cradle Moses basket/carry cot/travel cot Pram Infant carrier/baby carrier/baby seat/child seat Baby bath Changing mat/changing table/changing unit Bottle/steriliser/breast pump Baby nest Pouch/sling Bouncing cradle/bouncing chair	3x1	
			<b>Total</b>	<b>15</b>	

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