

Wednesday 18 January 2023 – Afternoon

Level 3 Cambridge Technical in Health and Social Care

05871 Unit 25: Research methods in health, social care and childcare

Time allowed: 2 hours

C445/2301

You must have:

• your copy of the Pre-release (C446)



Please write clea	arly in black ink. Do not write in the barcodes.	
Centre number	Candidate number	
First name(s)		
Last name		_
Date of birth	D D M M Y Y Y	

INSTRUCTIONS

- Use black ink.
- Write your answer to each question in the space provided. If you need extra space use the lined pages at the end of this booklet. The question numbers must be clearly shown.
- Answer all the questions.

INFORMATION

- The total mark for this paper is **60**.
- The marks for each question are shown in brackets [].
- Quality of extended response will be assessed in questions marked with an asterisk (*).
- · This document has 12 pages.

ADVICE

· Read each question carefully before you start your answer.

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C445/2301/8 Turn over

Answer all the questions.

- 1 The playground of a primary school was divided into three zoned areas for children to spend their break time. Different colours were used to identify the three areas:
 - Blue Formal activity zone with supervised games based on set rules e.g. football.

Green – Informal activity zone for children to play and create games themselves either individually or with a group.

Purple – Quiet zone with seating and a small garden for children to have some quiet time to themselves or to sit and talk with friends.

The local council decided to use this primary school as a case study to conduct research into playground zoning.

(a) (i) Which area was being targeted in this research?

Tick (✓) one box.

Area of research being targeted	Tick (✓) one only
Interventions	
Practices in early years and childcare	
Treatment	

[1]

	xplain the ethical principles that the council need to consider when using the rimary school as a case study.
••	
	roz

(b)	One of the purposes for this research was to inform policy to determine whether zoning could be recommended to other primary schools in the area.
	Identify two other possible purposes for this research that could benefit children in primary schools.
	1
	2
	2
	[2]
(c)*	Children were the main participants in the study.
	The researchers gathered data from the children by:
	observing children in the zoned playground during break time
	interviewing groups of children in the classroom
	Analyse how useful one of these primary research methods was for gathering data in this study.
	[6]

(d) The table below shows some of the questions that were given to the teachers as part of a questionnaire.

Complete the table by deciding whether each question could be used to gather Quantitative or Qualitative data.

Question	Quantitative or Qualitative
How many children used the Blue zone every day?	
Were any of the zones used more by girls than boys?	
What effects (if any) do you think the zoned playground has had on the behaviour of children in the classroom?	

[3]

Turn over for the next question

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a)*	Analyse the appropriateness of your secondary source material with reference to:
∽ ,	relevance
	trustworthiness

.....

......[10]

(b) For each of the following, identify **one** strength and **one** weakness that you took into account when deciding upon the method you would use to locate sources for your

	sec	ondary research:	
	(i)	Library search	
		Strength	
		Weakness	
			[2]
	(ii)	Internet search	
		Strength	
		Weakness	
			[2]
(c)		ntify two ways in which your sources enabled you to develop a theme for your condary research.	
	1		
	2		
			[2]

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(d)* In response to your chosen research article, present your secondary research. Your presentation should show how you:

•	linked research ideas together
•	acknowledged sources
•	avoided plagiarism
• •	
	[10]

(e)* In response to your secondary research, evaluate the research methodologies used with

reference to:
• reliability
generalisability
• validity
F40
747

(f)	The findings of your secondary research could have implications for the following:	
	individuals / groups	
	practitioners / professionals	
	• practices	
	• settings	
	government policy	
	Describe the implications of your findings for one of these options.	
		•
		[2]
(g)	From your findings, give two reasons why further research may be required.	
	1	
	2	
		[2]
		L - -

END OF QUESTION PAPER

ADDITIONAL ANSWER SPACE

If additional answer space is required, you should use the following lined pages. The question numbers must be clearly shown – for example, 1(d) or 2(c).

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