

Title	Irish pre-service mathematics teachers' knowledge of curriculum-aligned content
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Publication date	2021-04-05
Original Citation	Ní Ríordáin, M., Ni Shuilleabhain, A., Prendergast, M. and Johnson, P. (2021) 'Irish pre-service mathematics teachers' knowledge of curriculum-aligned content', Irish Educational Studies. doi: 10.1080/03323315.2021.1899030
Type of publication	Article (peer-reviewed)
Link to publisher's version	10.1080/03323315.2021.1899030
Rights	© 2021, Educational Studies Association of Ireland. Published by Taylor & Francis Group. This is an Accepted Manuscript of an item published by Taylor & Francis Irish Educational Studies on 5 April 2021, available online: <a href="https://doi.org/10.1080/03323315.2021.1899030">https://doi.org/10.1080/03323315.2021.1899030</a>
Download date	2025-07-31 07:57:33
Item downloaded from	<a href="https://hdl.handle.net/10468/11238">https://hdl.handle.net/10468/11238</a>



# UCC

**University College Cork, Ireland**  
Coláiste na hOllscoile Corcaigh

Figure 1. Example of a multiple-choice item

1. A class has 10 students. If at one time, 2 students are to be chosen from the class, and another time 8 students are to be chosen from the class, which of the following statements is true?

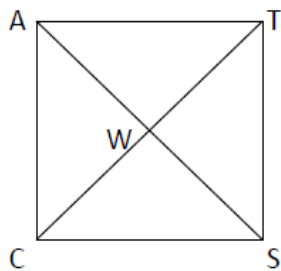
Check one box.

- A. There are more ways to choose 2 students than 8 students from the class.
- B. There are more ways to choose 8 students than 2 students from the class.
- C. The number of ways to choose 2 students equals the number of ways to choose 8 students.
- D. It is not possible to determine which selection has more possibilities.

☐
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Figure 2. Example of an open-ended item

8. CATS is a square with  $CT = 6\sqrt{2}$ . Determine the measures of the following:



$|CA| =$  \_\_\_\_\_  $\angle CAW =$  \_\_\_\_\_

$|CW| =$  \_\_\_\_\_  $\angle AWT =$  \_\_\_\_\_