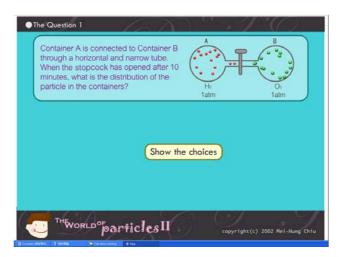
Student test performances on behavior of gas particles and mismatch of teacher predictions

Jia-Chi Liang, Chin-Cheng Chou and Mei-Hung Chiu

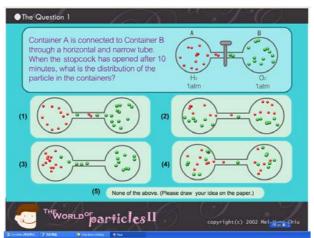
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Test items used in this study

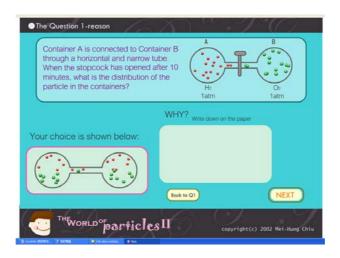
Step 1:



Step 2



Step 3



There were similar three steps for Items Q2-Q6, and therefore, we only present the second

step as follows.

