

Learning to code with micro:bit

Lesson Five Home Activity

The DreamSpace team want you to imagine that you are a nurse and you want to receive an alert if a patient has fallen out of their bed.

Can you program the micro:bit to help you, the nurse, with this challenge?
Use the below checklist to help you plan your code:

Patient's micro:bit

- Set patient group number to _____
- Select the best *input* that notices if the patient has fallen.
- Decide what number to send with this input- radio send number _____

Nurse's micro:bit

- Set nurse's micro:bit to be the same group number
- Select what you want to happen when the nurse's micro:bit receives the number sent by the patient:

If received number = _____

Then:

String Yes No

Number Yes No

Icon Yes No

Music blocks Yes No

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You can use some/all of the blocks below to assist you to build your program once you have completed your plan.

Hint: Make sure that you (i) set your radio group, (ii) select an input that the patient's micro:bit uses to send information if they fall (iii) program the nurse's micro:bit to receive that information in a way that identifies which patient has fallen.

