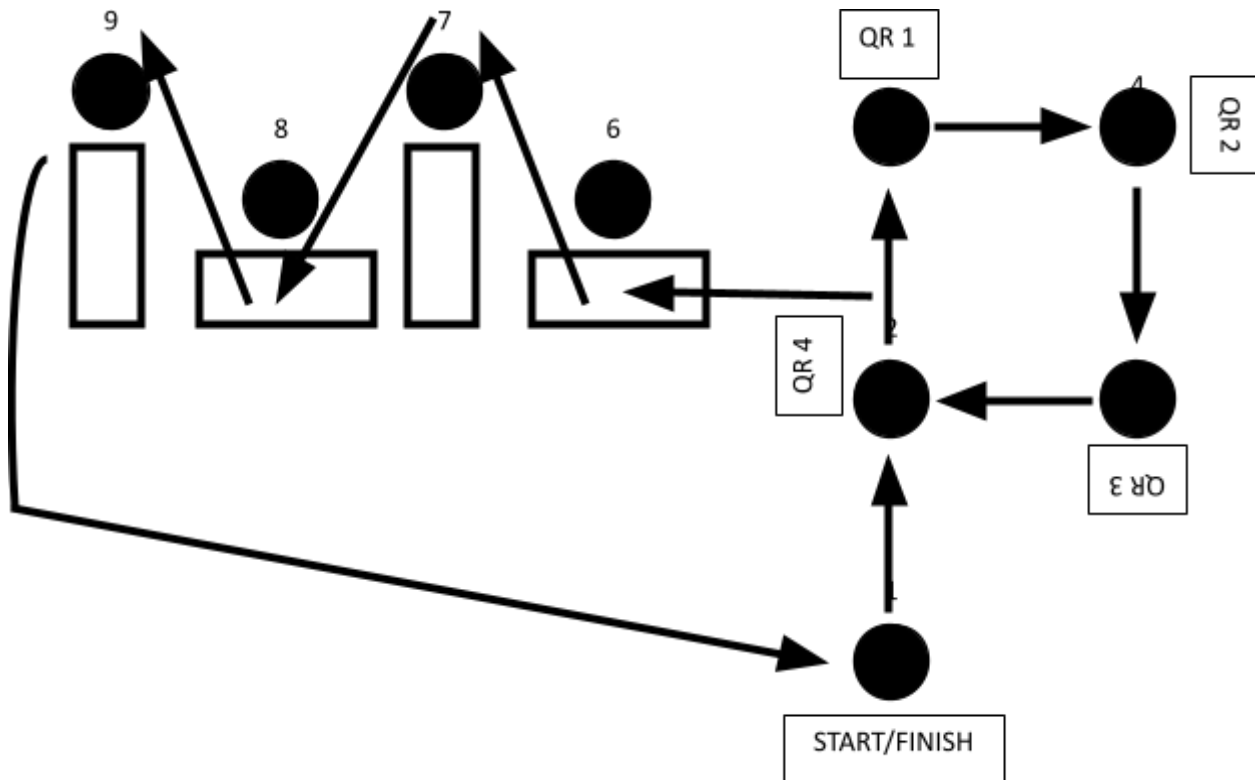**FOR TEACHERS**: Create a path according to the pattern/pictures:

- Start/Finish – 50x50 cm
- points 2 - 5 are in a square (side length is 2 metres), put QR codes to any height
- points 6 – 9 are in the same distance from each other (you can put them again 2 metres apart).

FOR STUDENTS: open DroneBlocks aplication and create ***ONE CONTINUOUS*** program to fly through the path according to these instructions, you should use a meter:

1. The drone starts on point 1 (Start/Finish).
2. Program the drone to fly to the point 2. *2 points*
3. Now use **repeat cycle** to make pictures of QR codes, from QR1 to QR4, in this exact order.
   8 points (4 points for repeat cycle, 4x1 point for each picture)
4. After the last picture of QR 4 was taken, the drone has to fly through the points 6 to 9, again in this exact order. If you use **repeat cycle** you can double your points for this task:
   - the points 6 and 8: drone has to fly under the beam
   - the points 7 and 9: drone has to fly above the beam
   4 points (8 points in case that repeat cycle was used)
5. Program the drone to fly back above the point 1 (Start/Finish). *2 points*
6. Above the Start/Finish point rotate the drone in 360 degrees. *1 point*
7. Then the drone has to make any flip. *1 point*
8. And finally land the drone to Start/Finish area. *2 points to S/F area, 1 point outside the area*
9. Show the QR codes pictures to your teacher and tell him what phrase did you put together after scanning QR codes.