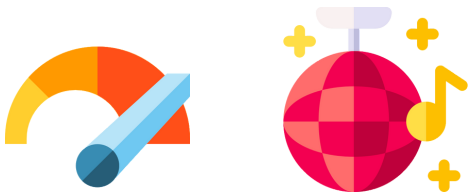




DOES OUR BODY OR ITS PARTS (E.G. HANDS, LEGS ETC) GET ACCELERATED MORE THAN 1 G EVEN IF WE DANCE LIKE CRAZY?

Acceleration is the rate of change of the speed of an object over time. It can be positive or negative and is measured in metres per square second (m/s^2). Acceleration is an important concept in mechanics, where it is used to describe the motion of bodies in space. It can also be used to describe changes in other quantities, such as position, velocity and angular rate. More generally, acceleration is an indicator of the rate of change of conditions in a system, whether in terms of physical motion, economic growth, chemical reaction, etc.

Can you develop a solution to measure the acceleration of the human body during voluntary movements?



Name your team / Name of the participants:

.....

.....



ORIENTATION

INTERDISCIPLINARITY

Discipline	Concept addressed through the protocol

CONCEPTUALISATION

INVESTIGATION

Describe the steps needed to answer your hypothesis. You could use the following steps as a guide: collect the data and use sensors, display the data, make it accessible, analyse the data and conclude, use the data to propose one or more solutions.

Identify the knowledge mobilised during this phase, identify the learnings acquired, reflect on what you have gained as competencies, knowledge and skills.