MaFEA Overview of tool Insta360 X3

MaFEA – Making Future Education Accessible

PR2 – Guiding successful adoption

What is a 360 camera?

A 360 camera is a camera with two or more lenses that take photographs simultaneously. These photos are combined or "stitched" together automatically in order to create a 360 photo where all directions (an angle of 360 degrees) can be viewed.

As well as 360 photos, the Insta360 X3 camera can also take 360 videos.

These images or videos can be added to tools that allows a become immersed in the location the 360 photo or video was taken in, enabling the viewer to change the viewing angle wither by moving their head (in a VR headset) or swiping a mobile device's screen or clicking and dragging a mouse on a desktop computer screen.

The Insta360 X3 devices was selected due to these reasons:

- Interest from the teachers in the partner schools.
- The popularity and quality of the Insta360 brand cameras.
- Existing positive experiences from partner schools.
- Positive price / value ratio.
- Availability according to the project timetable.

Advantages to reaching learning goals that the Insta360 X3 device addresses:

- Offering learning processes with clear step-by-step guidance.
- Potential to be safer than real life experiences.
- Sustainable travel to new locations.
- Boost excitement and engagement in the classroom.

Tutorial links

- Creating 360 photos with the Insta360 X3 camera

Lesson plan links

The Insta360 camera is used to create 360 photos or videos for other tools. As the insta360 is only a supporting tool, it does not have any lesson plans. Please check lesson plans for ThingLink, Zappar and Fectar.
- ThingLink Lesson plans
- Zappar lesson plans
- Fectar Lesson plans