

MATHS AROUND THE HOUSE

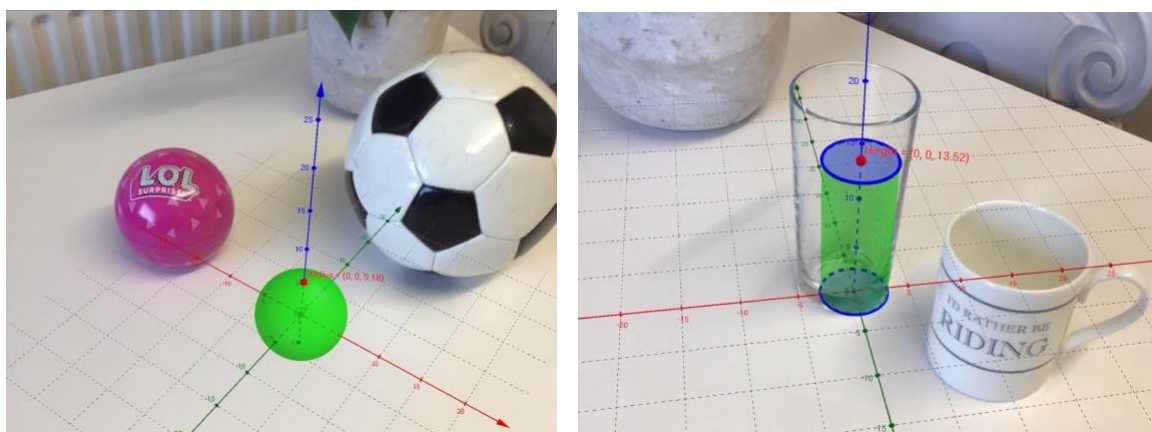
Exploring household geometry through augmented reality

WHAT YOU WILL NEED

- Household objects (some suggestions)
- GeoGebra 3D Calculator with AR (iOS and Google Play links)
- Zoom logins

Household objects (some suggestions)

We will be using an AR app to explore the geometry of everyday household items. Some suggested items are as below



- SPHERICAL OBJECTS – tennis ball, football, orange, marble
- CUBE OBJECTS – cube shaped tupperware, dice, rubik's cube, a cube made from lego or multilink
- CYLINDRICAL OBJECTS – glasses, cups, tins, pans
- CUBOID OBJECTS – box of tea, block of butter, a book
- Tape measure, paper and pen/pencil.

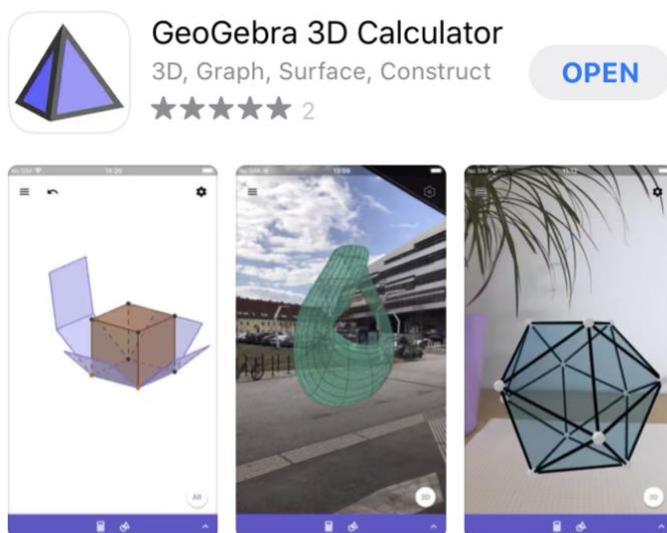
However, please do not worry if you can't find any of the above as none of these items are essential.

GeoGebra 3D Calculator

If you type “GeoGebra 3D” into the App or Google Play stores you will find the **GeoGebra 3D Calculator** app. Apple users, don’t be confused by the “GeoGebra AR” app – we are not using this one!

iOS App:

<https://apps.apple.com/us/app/geogebra-3d-graphing-calc/id1445871976>



Google Play App:

1) Install Google Play Services for AR on your device. Follow this link:

<https://play.google.com/store/apps/details?id=com.google.ar.core>

2) Install the GeoGebra 3D Calculator app itself which is here:

<https://play.google.com/store/apps/details?id=org.geogebra.android.g3d>



GeoGebra 3D Calculator

International GeoGebra Institute Education

★★★★★ 5,030

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You don't have any devices.

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