

Classroom Activity

10 Big Question: How do we unravel the causes of disease?

Zebrafish development

The speed with which zebrafish embryos develop is one of the reasons they are such a desirable model for research. Zebrafish development is fascinating and because it is well studied there are lots of great videos and images of the different stages out there, meaning that you don't need to have your own embryos and microscope to witness it.

View the first 24 hours of zebrafish embryo development in just over a minute:

[+] <http://youtu.be/ahJjLzyioWM>

Ordering the developmental stage

Now you've watched the video, can you identify the stages of zebrafish embryo development and put them in order? Try your hand at this here:

[+] <http://www.zfic.org/virtual%20experiments/stage1StagingBackground.html>

Make your own a zebrafish 'time-lapse'

Download the images available from the link below and make your own zebrafish development 'time-lapse' flip book:

[+] http://www.exploratorium.edu/imaging-station/activities/flipbooks/flipbooks_zebrafish.php