

## Resources for communicating *Drosophila* research in schools and on science fairs

This [figshare.com online repository](https://www.figshare.com) contains resources generated by the [Manchester Fly Facility](https://www.manchesterflyfacility.org) for the science communication of *Drosophila* research both on science fairs and in schools. The materials comprise poster files, PowerPoint files, movies, sticker and T-shirt designs, experimental instructions and logistics documents. Most documents are packaged into zip files, as detailed below.

### Content:

- Contents-2.pdf (*this document*)
- LogisticsDocument.pdf (*preparing school or fair events*)
- Experimental-Instructions-2.pdf (*detailed explanations of experiments*)
- Resources+Permissions.pdf (*source information for images and films*)
- SchoolVisit-extras.zip
  - Climbing-ActivitySheet.pdf
  - Climbing-ND-InformationSheet-2.pdf
  - Climbing-Plot.pdf
  - Climbing-StatsSheet.xls
  - Climbing-Wall.pdf
  - Enzymes-ActivitySheet.pdf
  - Enzymes-ActivitySheet-ANSWERS.pdf
  - Genetics-ActivitySheet-2.pdf
  - Schools-Evaluation-2.pdf
  - Schools-RiskAssessment.pdf
  - *Note that the presentations can be found in the Movies+Presentations.zip folder*
- Exhibitions-extras.zip
  - Exhibition-FlyBox.pdf
  - Exhibition-HamaBeadPatterns.pdf
  - Exhibition-Handout.pdf
  - Exhibition-PosterArts1.pdf
  - Exhibition-PosterArts2.pdf
  - Exhibition-PosterBodyPlans.pdf
  - Exhibition-PosterBrains.pdf
  - Exhibition-PosterFlyBrain-2.pdf
  - Exhibition-PosterStainings.pdf
  - Exhibition-RiskAssessmentSample.pdf
  - Exhibition-Sticker.pdf
  - Exhibition-TShirt.pdf
  - StandBrain-Anatomy.pdf
  - StandBrain-Histology.pdf
  - StandBrain-MicroscopeSheet.pdf
  - StandBrain-TrumpCards.pdf
  - StandBrain-TrumpNerfAim.pdf

- StandClimbing-plot.pdf
- StandClimbing-Poster.pdf
- StandClimbing-StatsSheet.xls
- StandClimbing-Wall.pdf
- StandGenetics-Poster.pdf
- For "Genetics-ActivitySheet" see "SchoolVisit-extras" folder
- StandGFP-Poster.pdf
- StandOptogenet-Poster.pdf
- StandWhyFly-Poster1.pdf
- StandWhyFly-Poster2.pdf
- Note that one presentation can be found in the *Movies+Presentations.zip* folder
- Primary Evolution lesson
  - 01-Fighting.wmv
  - 02-Motivation-Climbing.wmv
  - Arachnids.pdf
  - online-stopwatch.exe
  - Primary-Evolution-2.pptx
- Movies+Presentations-2.zip
  - 01-Fighting.wmv
  - 02-Motivation-Climbing.wmv
  - 03-FlySimulator.wmv
  - 04-ClimbingAssay.wmv
  - 05b-SeizureLion.wmv
  - 05-Unconscious3.wmv
  - 06-ShakingFlies.wmv
  - 07-bang-sensitive.wmv
  - 08b-InducedSeizure.m2t
  - 08b-InducedSeizure.wmv
  - 10-shibire-effect.wmv
  - 11-shibireTS-fly.wmv
  - 12-Channelrhodopsin.wmv
  - 26b-AlcoholCoping.wmv
  - 26-BoozedFly2.wmv
  - 27-Drosophila-liveGFP.wmv
  - 31-DiscriminationTask.wmv
  - ManFly-DrosolIntroduction.ppt
  - ManFly-DrosophilaAdvocacy.pptx
  - ManFly-MixedSession.pptx
  - ManFly-NeuroSession.ppt
  - Parallel school sessions
    - ManFly-Short1-Genetics.pptx
    - ManFly-Short2-NeuronSession.ppt
    - ManFly-Short3-EnzymesSession.pptx
    - ManFly-Short4-ClimbingSession.pptx
  - ManFly-WhyFly-Movies.ppt

- Note that information about the use of these documents is given in the *Exhibitions-LogisticsDocument.pdf* and *Schools-Organisation.pdf* documents in the other two folders.