Student work sheets – Kickstart Biology

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Abstract
Monika has worked closely with the Kicksart Biology team at the University of Sydney, to produce a series of worksheets to compliment the student workshops the program offers for the Stage 6 Biology course in NSW.

The workshops include: Mendelian genetics: Breeding Drosophila investigating heredity in fruit fly; Spectrophotometry, dealing with the identification of blood sugar levels; and Photosynthesis and Data Logging Activity, dealing with limiting factors affecting photosynthesis.

Biography
Monika has been an active science educator both in the classroom and in the wider community. She has 16 years of experience in facilitating young Australians in the area of science. She is currently the Head of Science at Cranbrook School, Bellevue Hill. She has put a lot of energy into developing student centred learning and enabling students to gain an independent approach to study. Her expertise is respected by the wider professional body as is recognised by her nomination for the Prime Minister’s Prize for Excellence in Secondary Science teaching 2003. She is currently the President of the Science Teacher’s Association of NSW and as such works closely with colleagues to continually deliver Professional Development opportunities for teachers of Science in NSW and represent their views. She has delivered public awareness programs to the wider population related to issues in the environment such as Sea Week, National Water Week. She has published a number of teacher resources to support the new Stage 4/5 Science Syllabus and student resources supporting the new Stage 6 Biology course. Monika has also participated in the writing of a textbook for the new Stage 6 Senior Science Course. This book has won an award for Excellence in Educational Publication in 2002.