

# Work schedule

## 1.1

### Work planning





## 1.1.1 Mechanics

Days	Content	Activity	Date planned	Date completed
10 days	<b>Introduction to mechanics</b> Sign conventions Graphs Theorem of Pythagoras	Exercise 1 P. 17 Exercise 2 P. 23 Exercise 3 P. 28 Summary P. 31 Mind maps P. 32		
17 days	<b>The resultant of vectors in two dimensions</b> Resultant force  Division of a vector into components	Experiment 1 P. 37 Exercise 4 P. 39 Exercise 5 P. 48  Summary P. 52 Mind maps P. 53		
6 days	<b>Frictional force</b> Friction	Experiment 2 P. 61 Experiment 3 P. 62 Exercise 6 P. 64 Summary P. 66 Mind maps P. 66		

Mechanics	Introduction to mechanics (sign conventions, graphs, theorem of Pythagoras), co-linear vectors, co-planar vectors, resultant of forces in two dimensions (head-to-tail method, theorem of Pythagoras, parallelogram of forces), resolution of a forces into components, frictional forces (static frictional force, kinetic frictional force)
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Number of days to complete Mechanics: 33 days.

