

LC Physics Development Group Meeting #5 27/02/2020

Agenda Item	Notes
Housekeeping, governance, Matters	Minutes clarified, approved and seconded. No conflicts of interest declared. Minutes to be read online in advance and agreed at the meeting, breakout groups to be more focussed and time-limited and plenary extended. New drafts to be uploaded an appropriate time in advance of the next meeting
Development of draft strand 1	The group was presented with strand 1 - the underlying practices and principles. Draft strand was developed in breakout groups. Changes to the draft were suggested to include reference to scientific notation, unit analysis, and so on. Also the relationship between research and experimental work was discussed, especially in terms of coursework and students generating their own data. The discussion on the nature of coursework broadened out to an assigned brief or an open choice with guidelines, for example. Some of the Maths skills required were also discussed and also the opportunity in strand 1 for the story of science and how scientists work to be told.
Development of draft strand 2	Breakout groups re-convened, and the forces and motion strand was discussed in plenary. Some of the main items discussed were: some learning outcomes on Hooke's law suggested to be merged, verifying Newton's 2 nd law only, generalising skills around vectors and verification of laws, clarifying the use of primary and secondary data, refining concepts of 1D motion (remove position), and alignment with strand 1 regarding communication in particular.
Next steps	Next Meeting Wednesday 18 th March 2020 The chair reflected on the work done, members to think about the nature of coursework, and members thanked for their attendance and contributions.