IOP Institute of Physics

Future Physics Leaders

Target Areas and Schools/Participants

Through the Future Physics Leaders Programme (FPL), the Institute of Physics (IOP) is proposing to deliver support to [redacted] schools throughout England. The IOP has previously recruited English schools on a similar scale for its Stimulating Physics Network (SPN) project, which recruited 176 schools in a one year period for a CPD programme.

It is expected that these [redacted] schools will be located in a total of [redacted] priority areas with a target of [redacted] priority areas in Lot 2, [redacted] priority areas in Lot 3 and [redacted] priority areas in Lot 4. There are not currently plans to include schools or participants that are not located in priority areas; however, in the event that an inadequate number of specialist physics teachers are available within the schools in a priority area or areas, schools in non-priority areas will be targeted as Lead Schools.

The [redacted] priority areas that will be reached by the FPL will be supported through [redacted] Hubs, each comprising [redacted] schools: [redacted] Lead School and [redacted] Partner Schools. The programme expects that 90% of Partner Schools in all Hubs in Lot 2 and Lot 3 will be priority schools; in Lot 4 more than 50% of Partner Schools will be priority schools. The programme will reach at least [redacted] priority schools across all Lots.

It is expected that in all Hubs, Lead Schools will not have priority status. In addition to these [redacted] schools, an additional [redacted] non-priority partner schools are expected to be included in each Lot 2 and Lot 3 as well as an additional [redacted] non-priority Partner Schools in Lot 4. Therefore, it is likely that the programme will reach [redacted] non-priority schools.

The table below outlines the proposed Hub structure as well as the number of target schools in each Hub LAD. When targeting schools to join the Programme, priority schools will be prioritised, however, to ensure that enough schools are available to complete a Hub, at least [redacted] target schools have been identified in each LAD, more than the programme's full capacity.

[redacted]

Through working with [redacted] schools, this programme would expect to reach an average of [redacted] specialist physics teachers and [redacted] non-specialist teachers per school for a total of [redacted] teachers supported, when the programme is at maximum capacity. Adjusting this number to represent the up-scaling of activity, the programme would expect to reach [redacted] teachers in priority areas in year 1 and an additional [redacted] teachers in year 2 for a total of [redacted] teachers. These [redacted] teachers would also be supported for the entirety of year 3.

The number of teachers reached in priority schools would be [redacted] teachers in year 1, with an additional [redacted] priority school teachers reached in year two, for a total of [redacted] priority school teachers. These [redacted] priority school teachers would also be supported for the entirety of year 3.

It is estimated that no participants will join the programme from non-priority areas, but [redacted] participants from non-priority schools are expected to join the programme in year 1 and [redacted] are expected to join in year 2 for a total of [redacted]. These [redacted] non-priority school teachers would also be supported for the entirety of year 3.

It is assumed that schools will withdraw from this programme at a rate of 16% over the lifetime of the project. This is based on prior experiences through SPN. Schools that withdraw or are removed from the programme will be replaced by comparable area schools.