



## Bitesize Careers - Where can Physics study take you?

### Physics career resources

This session is an overview of resources you might use to support careers in physics. Several resources are presented beginning with resources available on the Institute of Physics website – [Your future in Physics/career-paths](#)<sup>1</sup>. The IOP site provides a broad summary of the opportunities in physics as well as some useful guides for pupils, parents as well as teachers.

The next resource, [Success in school](#)<sup>2</sup> also provides some further detail on physics career paths.

Engineering employs a lot of people with a background in physics so there are two slides providing an overview. The first highlights programmes available through EngineeringUK and its partners including: [Tomorrow's Engineers](#)<sup>3</sup>, [Neon](#)<sup>4</sup>, [The Big Bang](#)<sup>5</sup> and the [Meet the future me](#)<sup>6</sup>. The Royal Academy, [This is engineering](#)<sup>7</sup> have some excellent resources specifically and giving information on not just the usual engineering careers but also those that you might not have realised are considered engineering. The website has careers resources as well as video case studies useful for showing to pupils.

If you are looking for a fun quiz game to support physics careers, try the [Infinity Game](#)<sup>8</sup> on the [Planet Possibility](#)<sup>9</sup> website where you can find this an much more.

The next slide highlights [Skills Builder](#)<sup>10</sup> which provides a framework for often overlooked skills that every individual needs throughout their lives in education and employment. Skills Builder claim their framework makes it possible for everyone to teach, learn, and measure essential skills.

There is a wealth of information about STEM careers on the [STEM Learning](#)<sup>11</sup> website but it would be useful to review the page on [STEM Ambassadors](#)<sup>12</sup> who are communicators and relatable role models who can help to provide careers guidance in your setting.

Finally, the last resource slide provides an overview of [Future First](#)<sup>13</sup>, a charity who champion the use of former students to act as role models to highlight a range of career and education opportunities.

There are many more resources available on the internet, but it may be useful to now review the links below to see if any of these will be useful in your school setting.

Links:

1. <https://www.iop.org/careers-physics/your-future-with-physics/career-paths>
2. <https://successatschool.org/advicedetails/394/Careers-in-Physics-Where-Can-Physics-Take-You%3F>
3. [www.tomorrowsengineers.org.uk/](http://www.tomorrowsengineers.org.uk/)
4. [www.neonfutures.org.uk/](http://www.neonfutures.org.uk/)
5. <https://www.thebigbang.org.uk>
6. <https://mtfy.org.uk/>
7. <https://thisisengineering.org.uk>
8. <https://infinitygame.futurefirst.org.uk>
9. <https://www.planetpossibility.co.uk>
10. <https://www.skillsbuilder.org>
11. <https://www.stem.org.uk/news-and-views/news/stem-careers---where-start?>
12. <https://www.stem.org.uk/stem-ambassadors>
13. <https://futurefirst.org.uk>