Welcome to Invention-Design Engineering! In this elective, we will be learning about the design engineering process through hands on activities. We will study simple machines and discover how to utilize them as we invent tools to solve problems. We will also study inventions and how they were created.

We will be focusing on learning by imagining, planning, creating, testing and improving. We will understand that scientists don’t always get things right the first time and need to be willing to try again.

If you have parents or friends that you think could offer expertise to this elective, please let me know!

Although electives are fun, they are also educational. Listed at the bottom of the page are just some of the standards that this elective will support.

Please let me know if you have any questions!

Ms. Fox

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|  | Language Arts Standards | Math Standards | Science Standards |
| Third Grade | SL.3.1, SL.3.2, SL.3.3, L.3.4 | 3.MD.A.2, 3.MD.B.3 | 3.P.1, 3.P.2, 3.P.3 |
| Fourth Grade | SL.4.1, SL.4.2, SL.4.3, L.4.4 | 4.MD.A.1, 4.MD.A.2 | 4.P.1, 4.P.2, 4.P.3 |
| Fifth Grade | SL.5.1, SL.5.2, SL.5.3, L.5.4 | 5.MD.A.1, 5.MD.B.2 | 5.P.1, 5.P.2, 5.P.3 |

Full information on the standards can be found at:

[www.corestandards.org](http://www.corestandards.org)

[www.ncpublicschools.org/curriculum/science/scos](http://www.ncpublicschools.org/curriculum/science/scos)