Dear Kitty

Thank you for writing to us and telling us all about engineering and your job in particular. It all sounds very interesting.

We are fascinated about what you do, especially that you deal with projects that involve small amounts of electricity and projects that involve much larger amounts. In addition, we find it interesting that you test circuits in the lab (we have made circuits in our ‘electricity’ unit at school). Furthermore, we are impressed that you are an electrical and electronics engineer at such a young age; it sounds like a challenging, yet intriguing job to do.

Thank you for telling us about lots of different types of engineers; we are amazed that there are so many types. Not many of us had heard of astrionic engineers (our teacher hadn’t either!)

In our space week, we designed, made and tested rockets – some of them were more successful that other. As well as that, we designed labs for NASA based on specific design briefs. Also, we watched a science show where there were lots of exciting experiments.

We would like to ask some questions:

* Do you have to wear any special type of clothing for your work?
* What special equipment to do use?
* What inspired to you embark on an engineering career?
* What is the best thing you have designed as an engineer?
* How many years do you need to train to become an engineer?
* What has been your toughest challenge yet and how did you overcome it?
* Are you scared to make mistakes?
* Is engineering still a male-dominated career or are more women now going into it?

It has been really good to hear from you; we hope you will have time to answer our questions.

Many thanks

6M (Lever Edge Primary Academy)