



**Glastonbury
Thorn School**

**GTS BIG
QUESTION**

YEAR TWO COMPUTING Computing Systems and Networks – IT Around Us

How can we use technology safely, responsibly and wisely?



★ AFL – Flashback to Year One What can we remember?

In Year One we learned to:

- ✓ Identify technology and how we use it.
- ✓ Name the main parts of a computer.
- ✓ Use a mouse in different ways.
- ✓ Use a keyboard to type and edit text.
- ✓ Create rules for using technology responsibly.
- ✓ Begin to understand how to stay safe and feel well online.

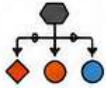
In Year Two we will:

- ✓ Recognise the uses of IT in school and beyond.
- ✓ Understand how IT helps us in many ways.
- ✓ Make choices when using technology and use it responsibly.
- ✓ Understand how the internet works and how to stay safe.
- ✓ Know how to get help and support if we need it.



KEY VOCABULARY

algorithm



retrieve



trust



email



debug



classify



digital



internet



TECHNOLOGY AROUND US

In school



We use IT to learn, create, communicate and solve problems.

Beyond school



IT is used in shops, hospitals, banks, transport, homes and many jobs.

At home



We use IT for fun, learning, keeping in touch and finding information.

Information technology is everywhere!
It helps us every day.

SUPER DIGITAL SKILLS!

1. What is IT?



Information technology (IT) helps us find, share, store and create information. It comes in many shapes and sizes.

2. Uses of IT in school



We use IT to research, type, present, create art, make music, learn code and so much more!

3. Uses of IT beyond school



IT is used in workplaces, shops, hospitals, transport, entertainment and around the world.

4. How IT helps us



IT helps us learn, be creative, solve problems, communicate and get things done faster.

5. Making choices



We make choices when using IT. We choose what to do, what to share and what is safe and kind.

6. Internet and how it works



The internet connects devices and people all over the world. Information travels quickly through networks.

7. Stay safe online



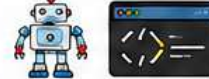
We follow rules to keep ourselves and others safe online.

8. Give help and support



If something upsets us online, we can talk to a trusted adult.

9. Create and debug



We can create simple programs and debug them to make them work better.

PSHE LINK – Staying Safe & Well Online

Be safe online

- ✓ People should be respectful with online interactions.
- ✓ The same principles apply to online relationships as face to face – including when people are anonymous.
- ✓ Tell a trusted adult if something upsets you.
- ✓ Check before you click!
- ✓ Keep personal information private.

Wellbeing online

- ✓ Take breaks from screens.
- ✓ Talk to someone if you feel worried or upset.
- ✓ Use technology in a way that helps your learning and wellbeing.



MAKE CONNECTIONS – TALK ABOUT IT!

- ✓ What technology do you use at home?
- ✓ How does technology help you learn?
- ✓ What choices do you make when using technology?
- ✓ Why is it important to be kind and respectful online?
- ✓ Who can you talk to if you need help online?



CURIOSITY



What amazing things can you create or learn with technology?

HOME LEARNING IDEAS

- ★ Find three examples of IT at home and how they help.
- ★ Create a poster about staying safe online.
- ★ Practise typing your name and a sentence.
- ★ Use a search engine with an adult to find interesting facts.
- ★ Think of a simple algorithm and write the steps (e.g. making a sandwich).



? ASK ME...

- ✓ What is an algorithm?
- ✓ How is the internet connected around the world?
- ✓ What should you do if something upsets you online?
- ✓ Why do we have rules for using technology?
- ✓ How does IT help people in different jobs?



MY CHECKLIST Can I...

- ☐ recognise IT and how it is used?
- ☐ name the parts of a computer?
- ☐ use a mouse and keyboard?
- ☐ make safe choices online?
- ☐ explain how the internet works?
- ☐ know how to get help?
- ☐ create and debug simple programs?



I CAN'T DO IT...YET!

I can't do it...YET!
But I will keep trying!
YET means I am learning, growing and getting better.
Mistakes help my brain grow!
I believe in myself!
I may not know it now, but with effort and practice, I will get better and learn more!



WELL DONE!



**SUPER DIGITAL
CITIZEN!**

**OUR
VALUES**



KINDNESS

We care for ourselves and others



HONESTY

We tell the truth and do the right thing



BEING SENSIBLE

We make good choices and stay safe



RESPECT

We listen, are polite and treat everyone well



EFFORT

We always try our best and never give up

**EVERY DAY
GETTING BETTER
IN EVERY WAY**

