

Year 4

Cross-Curriculum Links Between Computing and PSHE

Summary

In Year 4, the link between Computing and PSHE can be explored mainly through online safety, responsible use of technology, and understanding the emotional effects of internet interactions. These links encourage not only technical skills but also foster a responsible and empathetic approach to digital interactions.

Detailed Links

Autumn Term 1: Online Safety and Being Responsible

Computing:

- Principles of personal information safety online.
- Understanding internet safety rules and the reasons behind them.

PSHE:

- Discussion on responsibility in different areas of life, including digital environments.
- Exploring how actions online can affect others.

Cross-Curriculum Ideas:

- Developing class guidelines for internet use that promote safety and responsibility.
- Role-playing sessions to act out scenarios involving sharing personal information online.
- Creating digital posters in groups about online safety rules.

Autumn Term 2: Digital Footprints and Our Community

Computing:

- Learning about digital footprints and the long-term impact of online activities.

PSHE:

- Lessons focused on the role each person plays within their community including the digital community.

Cross-Curriculum Ideas:

- Investigations into how the internet remembers information and the implications of digital footprints.
- Discussions facilitated by teachers on how digital interactions should be handled with kindness and respect, reflecting on their own community values.

Spring Term 1: Email Communication and Emotional Health

Computing:

- Learning to use email appropriately, including addressing and tone.

PSHE:

- Understanding emotional responses and the impact of words, whether spoken or written in an email.

Cross-Curriculum Ideas:

- Email exchange projects with students from another school focusing on positive language and expressing emotions correctly.
- Reflection logs keeping track of how different types of digital communication make them feel.

Spring Term 2: Programming and Persistence

Computing:

- Basic programming skills using visual-based languages like Scratch.

PSHE:

- Lessons on persistence, overcoming frustration and learning from mistakes.

Cross-Curriculum Ideas:

- Programming a simple game and using iteration to improve based on peer feedback, reflecting on persistence through debugging.
- Discussion circles where students share how persistence in problem-solving in their programming projects helped them in overcoming initial failures.

Summer Term 1: Cyber-Bullying and Relationships

Computing:

- Discussion about the ethical use of technology, focusing on respect and the implications of cyber-bullying.

PSHE:

- Exploring healthy relationships and the impact of negative online interactions.

Cross-Curriculum Ideas:

- Creating a class charter on the use of technology that promotes respectful and kind behavior.
- Develop scenarios and role-plays that explore different outcomes based on digitally respectful versus disrespectful behaviors.

Further Development of Cross-Curriculum Links

To expand on these cross-curricular connections, additional focus can be placed on projects that integrate digital tools for social projects in the PSHE curriculum. For instance, students could engage in creating digital storyboards that outline their understanding of community and individual responsibilities. These could then be shared with wider audiences to foster a greater sense of digital citizenship. Furthermore, integration of coding activities that require students to solve problems related to real-world scenarios, like creating apps for time management or emotional journaling, can make learning more relevant and engaging.