Computing

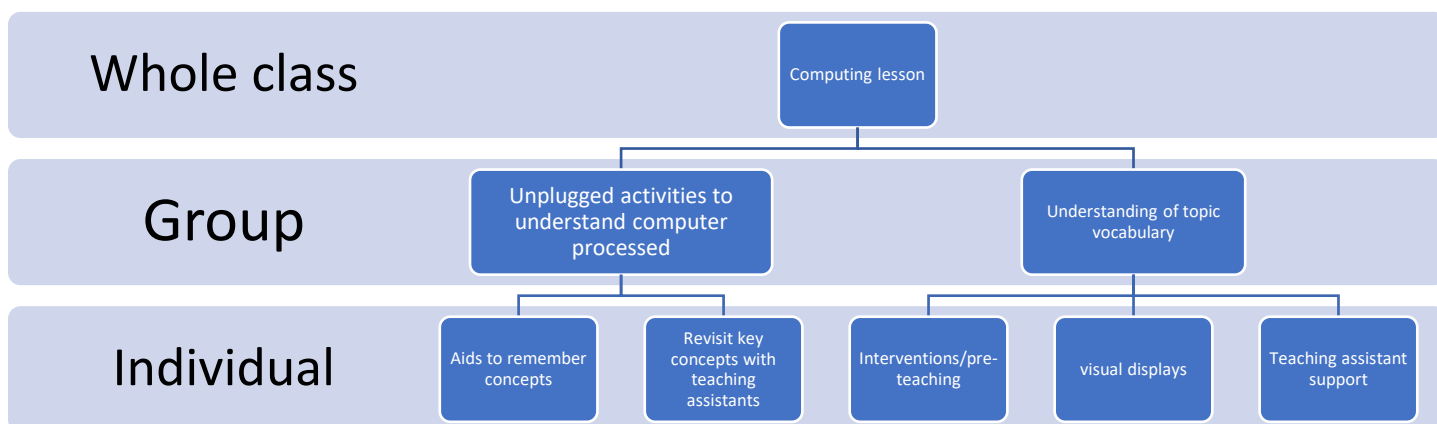**Provision on a Page**

Priorities

- Pupils can understand the dangers of being online and how to prevent these and report them.
- Pupils can comprehend that their behaviour online creates an online reputation which can impact their future.
- Pupils apply their computational thinking in other areas of the curriculum such as maths and science when considering problems such as those tackled when using algorithms.
- Pupils understand their skills in computing can be used in design and technology as well as art through photography and graphics.

If this is not the case, provision is tailored to pupils' needs.

Provision

Whole class	Computing lesson
Group	Unplugged activities to understand computer processed / Understanding of topic vocabulary
Individual	Aids to remember concepts / Revisit key concepts with teaching assistants / Interventions/pre-teaching / visual displays / Teaching assistant support

Assessment

- Skills projects in Autumn 2, Spring 2 and Summer 2 in order to consolidate learning and showcase what has been learnt in computing across the curriculum.
- Children are assessed against specified substantive and disciplinary knowledge, with formative and summative assessment to identify gaps in understanding and inform future teaching.
- Reflection points and quiz quizzes encourage pupils to build their knowledge over time and enable teachers to revisit key areas or address gaps.

Computing in the community

- Fortnightly assemblies to reiterate the importance of digital literacy and tackle any issues regarding this within the community
- Experiences outside of the classroom to encourage career aspirations
- Engaging and memorable experiences within school to consolidate the curriculum thinks through external photography workshops.
- Formation of an online safety group including parent governors and the chair of governors to be made aware of any digital literacy dangers within the community so school can adapt the curriculum as necessary.
- Children will understand the development of computers through the stories of inspirational individuals: Ada Lovelace, Steve Jobs, Nikola Tesla and Alan Turing

Inclusivity and accessibility

- Age-appropriate texts and picture books, including instructional 'how to' books and stories of inspirational individuals.
- Additional support and interventions around key vocabulary.
- Practical and unplugged activities to support learners.