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**The Willows Grow |& Achieve Curriculum**

***~ Computing ~***

***You plant your tiny precious seeds with us …***

***Together We Nurture, Enrich & help them Grow to be the best they can be!***



At The Willows School & Early Years Centre we understand that our children are living in a world surrounded by devices and technology. Technology is changing the lives of everyone; through the teaching of computing we **equip our children** to participate in a rapidly changing world where work and leisure activities are increasingly transformed by technology. Our **language rich** curriculum aims for every child to become **effective** and **confident** communicators so that they can express themselves and share their knowledge and their ideas. At the Willows we believe that this is a **vital** skill and especially critical in **keeping children** **safe** when using IT. We encourage children to use **key vocabulary** as they learn **new skills** and support them in talking about how **they keep themselves and others safe** online. We use the **Hectors World** resources to support us in this.

**Teaching and Learning of Computing at the Willows:**

The aims of both the EYFS and National Curriculum are fully embedded in our curriculum.

In Early Years we encourage children to be involved with early programming, using technology/tablets effectively and interactive boards. The children will recognise that technology is used at home, school and all around them and will enjoy **“Going on a technology hunt”**. Through high quality continuous provision children are able to use **Ipads** to take photographs, videos and use **QR codes** to further their learning. **Laptops, interactive whiteboards, controllable toys** and other resources ensure that our children learn **age appropriate** computing skills.

In KS1 our children continue to build upon their learning and begin to learn more about **coding** and **programming.** Our **cross curricular** approach to learning ensures that children are motivated and enthused to use computing to **research, design** and **record** their own learning. We teach e-safety as an explicit part of our curriculum through computing and RSE and PSHE.