# Technology and Early Childhood Education

## Surveillance Cameras

88% of early childhood educators have access to video surveillance cameras, which have been elevated to new levels of technology. Video surveillance options can vary from simple cameras to systems that allow parents to see what their children are doing throughout the day. This can help parents track eating habits, potty times, sleeping patterns, and more. Teachers can quickly take and upload photos so that parents can see what their children are doing throughout the day using their computers or parents’ smartphones and teachers’ classroom tablets.

## Interactive Whiteboards

55% of educators have access to interactive whiteboards, which can help to ensure parents are always in the loop. With digital record keeping and parent access, teachers can quickly take and upload photos so that parents can see what their children are doing throughout the day. Teachers can utilize computers and software on their own.

## Tablets and E-Readers

20% have access to E-readers and tablets. Children of all ages are increasingly exposed to touchscreen technology, whether through their parents’ smartphones or on school computers. Tablets have access to educational games with features such as video surveillance streaming.

## Classroom Organization

Among educators, 82% use whiteboards and tablets, 72% use e-books, and 55% use robots. Of educators who have access to interactive whiteboards, 88% use them at least once a week. The Goddard School’s science, technology, engineering, arts, and robotics (STEAR) education into their curricula. One example is Kiddie Academy Educational Child Care, which has locations throughout the United States. Each location uses a developmentally appropriate curriculum made up of four pillars: developmentally appropriate curriculum, health and fitness, character and family excellence.

## Conclusion

The use of technology in early childhood education is increasing, with 55% of educators having access to interactive whiteboards. Classroom management and entry control are becoming more efficient with the use of biometric technology, like facial recognition and fingerprint scanners. Attendance tracking technology can also account for who dropped the child off, who is picking them up, and who is taking them in, or who picked them up, can quickly become a security concern or liability. To make this process easier, many daycare centers are incorporating technology like the ProCare Touch Computer, which allows parents to check in and out. With so many children in each class, it can be a challenge to incorporate several different media, but studies show that children can benefit from studying in various ways that incorporate several different media. Instead of trying to discourage the use of small screens, devices like smartphones and tablets, studies show that children can benefit from studying in various ways that incorporate several different media.