

# TECHNOLOGY IN THE CLASSROOM

## Foundation

Introducing basic digital skills to preschoolers, emphasizing safe technology use and developing fine motor skills.



## Environment

Integrating technology into traditional learning centers to support and extend hands-on experiences.

## Family Engagement

Using technology to improve communication with families and involve them in children's learning.



## Planning

Using digital tools for research, creating lesson plans, and developing curriculum.

## Assessment

Using technology for documenting children's progress, implementing ongoing assessment, and supporting individual needs.



## Reflection

Engaging in reflective questioning to identify your technological practices in the classroom.



# Foundation



Introduce basic digital skills appropriate to preschoolers. Focus on safe and responsible technology use. Developing fine motor skills through age-appropriate devices.



## CONSIDER THE FOLLOWING OVERARCHING GUIDELINES:

ADHERE TO SCREEN TIME RECOMMENDATIONS FROM PEDIATRIC ORGANIZATIONS. ENSURE ALL TECHNOLOGY USE ALIGNS WITH YOUR CURRICULUM GOALS AND LEARNING OBJECTIVES. REGULARLY EVALUATE THE EFFECTIVENESS OF TECHNOLOGY TOOLS AND ADJUST THEIR USE AS NEEDED. STAY INFORMED ABOUT NEW EDUCATIONAL TECHNOLOGIES AND BEST PRACTICES FOR THEIR USE IN EARLY CHILDHOOD SETTINGS.



## Implementation Strategies:

- Use touch-screen devices with simple educational apps to teach basic navigation skills
- Introduce concepts of online safety through child-friendly videos and discussions
- Incorporate digital storytelling tools to enhance literacy skills
- Use digital cameras or tablets for children to document their learning and creations

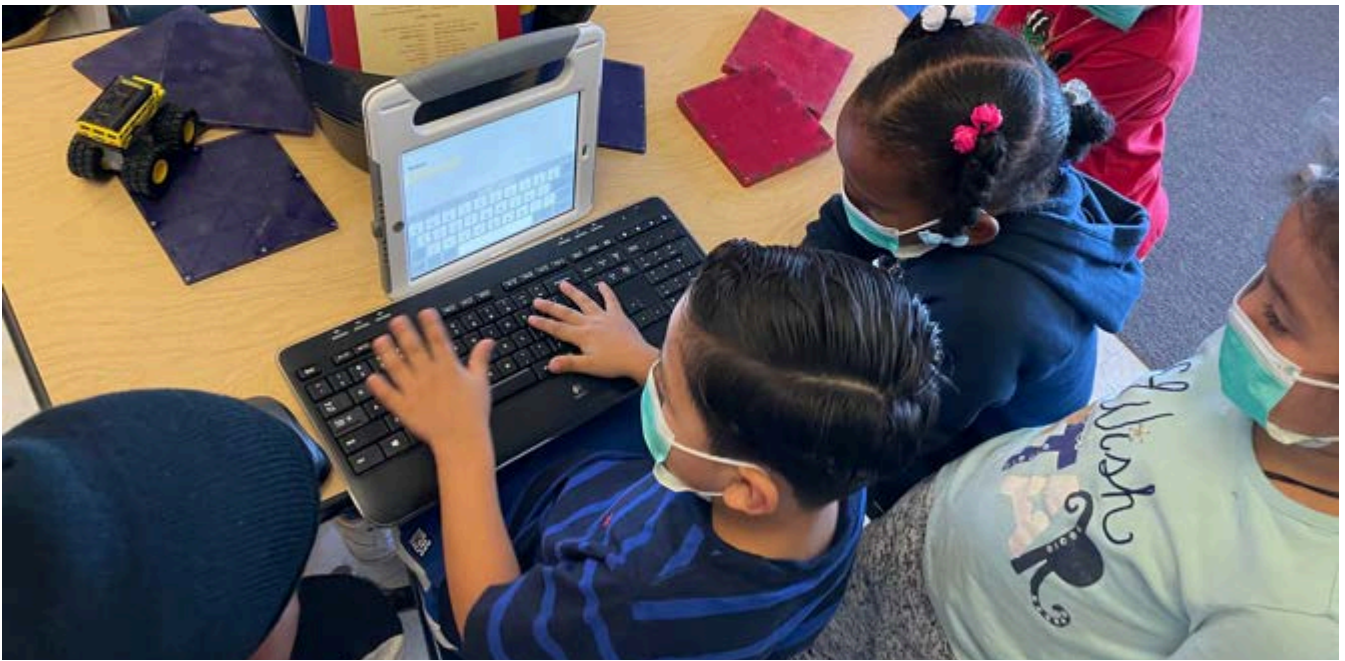




# Environment



Integrate technology into traditional learning centers. Use technology to support and extend hands-on learning experiences. Ensure technology complements rather than replaces physical activities.



## Implementation Strategies:

- Set up a listening center with audiobooks and headphones
- Create a digital art station with drawing apps and styluses
- Use interactive whiteboards for group activities and demonstrations
- Incorporate coding toys or simple robotics for problem-solving activities
- Rotate technology tools through different centers to maintain novelty and interest



# Family Engagement



Use technology to enhance communication with families. Provide resources for families to support learning at home. Involve families in children's digital experiences.



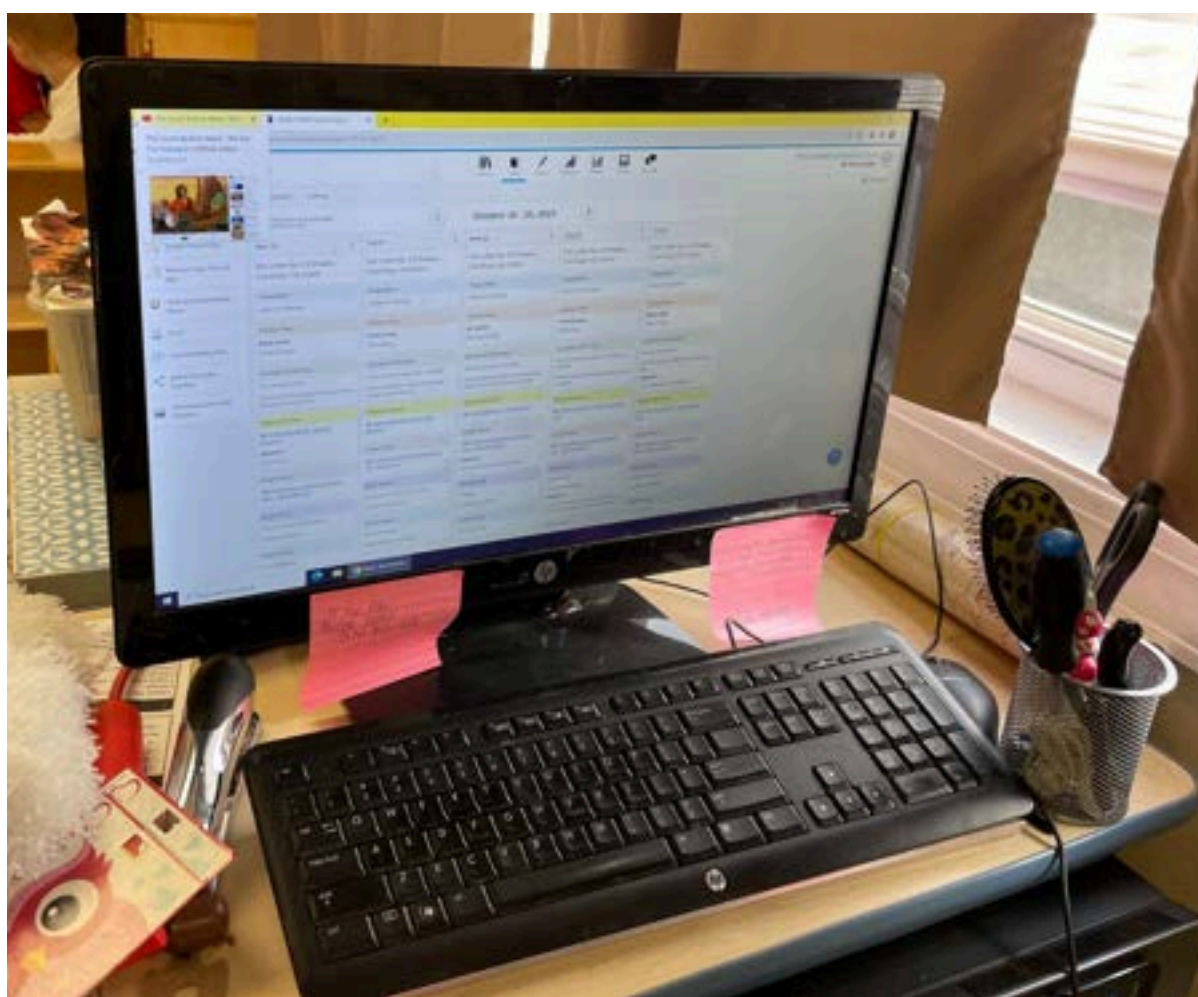
## Implementation Strategies:

- Select a secure classroom communication app for sharing updates, photos, and announcements
- Create a classroom blog or website to showcase children's work and share curriculum information
- Host family technology nights to demonstrate educational apps and discuss online safety
- Send home QR codes linking to educational videos or activities related to classroom themes
- Provide a curated list of age-appropriate educational websites and apps for home use





# Planning



Use digital tools for lesson planning and curriculum development. Implement digital documentation of children's learning and development. Streamline administrative tasks through technology.



## Implementation Strategies:

- Utilize online platforms for collaborative lesson planning with teaching teams
- Create digital portfolios for each child using photos, videos, and notes
- Use tablet-based apps for quick and easy anecdotal note-taking during observations
- Implement a digital check-in/check-out system for arrival and dismissal
- Use cloud storage for organizing and sharing curriculum resources within the teaching team



# Assessment



Use technology to support ongoing assessment of children's development. Implement adaptive learning technologies to meet individual needs. Utilize data to inform instruction and communicate progress.



## Implementation Strategies:

- Use tablet-based assessment tools to track developmental milestones
- Implement adaptive learning software that adjusts difficulty based on each child's performance
- Create individualized plans based on IEPs to extend the support to the classroom and home
- Use data visualization tools to identify trends in children's progress and areas needing additional support
- Implement virtual portfolios that showcase children's growth over time, accessible to both teachers and families

# Coaching Corner

- How does this technology support my curriculum goals and learning objectives?
- Is this technology developmentally appropriate for the children?
- How can I integrate this technology into existing learning centers or routines?
- What training or support do I need to use this technology effectively?
- How will I ensure equitable access to technology for all children?
- What boundaries or guidelines should I establish for technology use in the classroom?
- How does this technology cater to different learning styles and abilities?
- In what ways can this technology promote collaboration among children?
- How can I use this technology to spark curiosity and creativity in the children?
- How can I use technology to enhance communication with families?
- How can I use technology to track and document children's progress more effectively?
- In what ways can I collaborate with colleagues to share ideas and experiences with technology integration?