Supporting ISTE Standards for Teachers and Administrators with Impero Education Pro

Explore how Impero Education Pro supports a number of the ISTE Standards for teachers and administrators.

● Teachers

- Facilitate and inspire student learning and creativity
- Design and develop digital age learning experiences and assessments
- Promote and model digital citizenship and responsibility

● Administrators

- Visionary leadership
- Digital age learning culture
- Excellence in professional care
- Systematic improvement
- Digital citizenship

Teachers

Facilitate and inspire student learning and creativity

Engage students in exploring real-world issues and solving authentic problems using digital tools and resources

- The ability to allow and restrict access to specific applications and websites, in real time, provides students with access to useful online resources in a safe environment.

- Monitoring, as opposed to blocking, helps students to learn how to navigate the digital world safely, while enabling teachers to identify potential risk and intervene when necessary.

Promote student reflection using collaborative tools to reveal and clarify students' conceptual understanding and thinking, planning, and creative processes

- A suite of collaborative tools, including group chat and the ability to broadcast a teacher's screen to demonstrate tasks or a student's screen to highlight exemplary work, supports student understanding and encourages a creative approach to learning.

- The exam module, quick question and quick quiz allocation tools provide a record of results, so teachers can assess students' conceptual understanding. Teachers can discreetly message students to determine if they are struggling, so they can assist remotely to provide feedback, answer questions or lend support.

Design and develop digital age learning experiences and assessments

Develop technology-enriched learning environments that enable all students to pursue their individual curiosities and become active participants in setting their own education goals, managing their own learning, and assessing their own progress

- Classroom management tools and real-time monitoring gives teachers the confidence to deliver lessons using technology, while the ability for students to mark tasks as complete, view set learning objectives, and receive feedback from teachers helps them to assess their progress.

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Teachers

Design and develop digital age learning experiences and assessments

Customize and personalize learning activities to address students' diverse learning styles, working strategies, and abilities using digital tools and resources

> Assigning tasks, which students can mark as complete in real time, helps teachers to gauge students' learning throughout the lesson. This enables teachers to provide support discreetly or set extension tasks, depending on the progress made by individual students.

> A flexible assessment tools feature offers a range of questioning styles so learning activities can be tailored to individual student needs, with a record of results helping teachers to assess student ability over time.

> Real-time monitoring enables teachers to track student progress throughout a lesson, so tasks can be altered in line with a student's learning style and ability.

Provide students with multiple and varied formative and summative assessments aligned with content and technology standards, and use resulting data to inform learning and teaching

> A suite of assessment tools, including an extensive exam module, quick question and quick quiz features, and a live student poll, help teachers to deliver an engaging approach to assessment in line with best practice.

> Teachers can create exams using a range of question styles, from free text and multiple choice to images and 'order/rank' based assessments, with the ability to randomize the question order for different students, set time constraints, and automate marking.

> Results can be viewed as an exam progresses, then saved as a record to help inform future lesson plans, while an offline mode enables teachers to use this data to create exams outside of the school environment.

Promote and model digital citizenship and responsibility

Advocate, model, and teach safe, legal and ethical use of digital information and technology, including respect for copyright, intellectual property, and the appropriate documentation of sources

> An Acceptable Use Policy tool helps teachers to reinforce the school's policies to students at the beginning of a lesson, including those relating to ICT, online safety, and safeguarding, so that students know what is expected of them when they use technology to support learning.

> Teachers can apply customized policies by user, room, group, device, or session to allow or restrict access, improving productivity, ensuring students have access to learning-related content, and keeping them safe.

Promote and model digital etiquette and responsible social interactions related to the use of technology and information

> A range of classroom management, monitoring and control features promote a managed approach to online access, rather than locked-down, enabling teachers to take responsibility fit online safety within their lessons. This also empowers teachers to manage online access in real time, ensuring students only have access to the sites, applications and content appropriate to their ages group and specific learning objectives.

> Real-time activity and keyword monitoring help teachers to identify topics that may need to be addressed in lessons, assemblies or on a one-to-one basis, encouraging dialogs and open communication, as well as the opportunity to provide counter-narratives where necessary.

> An anonymous reporting tool, 'Confide', enables students to confidentially report any safeguarding concerns they may have regarding themselves or others, to a member of staff they trust.

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Administrators

Digital age learning culture

Model and promote the frequent and effective use of technology for learning

> A consolidated solution offering fully integrated network admin, classroom control and online safety features helps to ensure technology resources remain functional and up-to-date, while empowering teachers to use technology confidently for learning and, most importantly, to keep students safe.

Provide learner-centered environments equipped with technology and learning resources to meet the individual, diverse needs of all learners

> Access to reports on device utilization, how often software and applications are used, and student activity ensures that equipment and resources are located appropriately throughout the school or district (such as popular areas) to provide students with the resources they need, where and when they need them.

> Cross-platform functionality supports 1:1 programs and BYOD schemes, enabling schools to implement myriad devices and monitor these multiple devices from a single interface - all within the same view.

Systematic improvement

Collaborate to establish metrics, collect and analyze data, interpret results, and share findings to improve staff performance and student learning

> An intelligent reporting function draws from a log of all network activity to provide a detailed account of power usage, print history, inventory checks, hardware usage, and software licensing, to help schools save time and money, inform procurement decisions, improve security and efficiency, and support the digital learning environment.

> A centralized log of safeguarding and online safety incidents, including time and date-stamped screenshot and video captures, provides contextual insight to help school staff respond to incidents appropriately. This information can be managed by multiple stakeholders within the school, such as IT teams, administrators and school counsellors, depending on the school's policies, to support a shared approach to online safety and safeguarding.

> Tracking patterns of behavior using the monitoring and keyword detection tools help schools to identify online risks or topics specific to their students.

> Safeguarding and online safety trends can be identified across a single campus, and multiple sites throughout an entire district, using cross-server cloud-based reporting and analytics tools. This data is presented via visual dashboards, which can be tailored for individual stakeholders, such as administrators and guidance counselors, to ensure the right staff members have visibility of the right information at the right time.

Establish and maintain a robust infrastructure for technology including integrated interoperable technology systems to support management, operations, teaching, and learning

> A comprehensive suite of network management tools empower technical teams to remotely track, monitor and manage resources and assets across school and district networks, ensuring the IT infrastructure remains efficient, IT issues are resolved quickly and remotely, and disruptive downtime is avoided.

> Offering cross-platform compatibility, schools and districts can monitor and manage a range of different device types all from a single interface, to support a modern approach to digital learning.

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Digital citizenship

Promote, model and establish policies for safe, legal, and ethical use of digital information and technology

› An Acceptable Use Policy (AUP) display tool helps schools and districts to reinforce policies, from ICT, online safety, safeguarding and welfare and behavior, encouraging students and staff alike to behave responsibly online – both at school and beyond.

› The ability to manage access at a user, room, group, device, session and network level, enables schools to provide age-appropriate content to different groups of students, restrict access during exams, and allow greater access during recess, for example. This managed approach to access helps students to develop the skills to use technology safely and responsibly, while protecting them from potential risk.

Promote and model responsible social interactions related to the use of technology and information

› Keyword and online activity monitoring help to identify issues, patterns of behavior and online safety risks, which can then be addressed by counselors in dedicated lessons, assemblies or to groups of students; this provides an opportunity for discussion, the opportunity to offer counter-narratives, and promotes good digital citizenship.

› An anonymous reporting tool, named 'Confide', encourages students to report any concerns they have about themselves or their peers to a designated member of staff.

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