Field 223 – Technology Specialist
Alignment of Test Framework Objectives with State and National Standards

Illinois Licensure Testing System Framework Objectives for Technology Specialist	State Board of Education Rules-Title 23 of the Illinois Administrative Code – 27.470	(ISTE) International Society for Technology in Education
Subarea I: Foundations of Technology in Education		
0001 Understand concepts and skills relevant to digital-age learning environments, tools, and resources that maximize the learning of all students.	27.470, a.1.B, a.2.A, B, e.2.A	3.a–d, f–g
0002 Understand social, ethical, legal, and security issues related to the use of technology in education.	27.470, a.2.M	3.d, 5.a–b
0003 Understand educational and technology-related research, the psychology of learning, and instructional design principles that guide use of computers and technology in education.	27.470, c.1, c.2.A–E	2.f
Subarea II: Instructional Technology Infrastructure		
0004 Understand how to install, manage, and maintain the infrastructure of educational technology.	27.470, b.1, b.2.A–C, E–F, f.1, f.2.A	3.e
0005 Understand types, uses, and selection of technologies in both classroom and administrative environments.	27.470, b.2.G, e.2.D–E, g.1, g.2.A, C–E	3.a, f
Subarea III: Integration of Technology into Instruction		
0006 Understand concepts and skills related to implementing, promoting, and supporting technology literacy across the curriculum.	27.470, a.1.A–B, a.2.E–H	2.e, 3.a
0007 Understand concepts and skills related to instructional design and product development.	27.470, d.2.B, D–F	2.b, f

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0008 Understand how to coach teachers in using technology effectively for assessing student learning, differentiating instruction, and providing rigorous, relevant, and engaging learning experiences for all students.	27.470, a.1.A–B., a.2.C	2.a–h
Subarea IV: Management, Planning, and Professional Development		
0009 Understand how to contribute to the development, communication, and implementation of a shared vision for the comprehensive integration of technology to support a digital-age education for all students.	27.470, d.2.C, G, k.1, k.2.A–D	1.a–d
0010 Understand issues related to facilities and resource management.	27.470, g.2.B, j.1, j.2.A, D, F	1.c
0011 Understand staff development activities to support professional growth in learning technologies.	27.470, i.1, i.2.A–C	4.a–c
0012 Understand how to deepen professional knowledge, skills, and dispositions in content, pedagogical, and technological areas as well as adult learning and leadership.	27.470, l.1.A–B, l.2.A	6.a–c