Draft of Refreshed ISTE NETS for Students (1/4/07)
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**"What students should know and be able to do to learn effectively and
live productively in an increasingly digital world …"**

I.   Creativity and Innovation (new)
Students think creatively, construct knowledge, and develop innovative products using technology. Students:
  A.   apply existing knowledge to generate new ideas and products.
  B.   use technology for creative self-expression.
  C.   use systems thinking to explore complex issues.
  D.   identify trends and forecast possibilities.

II. Communication and Collaboration (4)
Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others. Students:
  A.   collaborate, publish, and interact with peers, experts, and others employing a variety of digital media and formats.
  B.   communicate information and ideas effectively to multiple audiences utilizing a variety of media and formats.
  C.   develop cultural understanding and global awareness by engaging with learners of other cultures.
  D.   contribute to project teams to produce original works.

III.   Research and Information Retrieval (5)
Students access, retrieve, manage, and evaluate information using digital tools. Students:
  A.   locate, organize, analyze, evaluate, synthesize, and use information from a variety of sources and media.
  B.   evaluate and select information sources and technological tools based on the appropriateness to specific tasks.
  C.   process data and report results.

IV.   Critical Thinking, Problem-Solving and Decision-Making (6, 3)
Students use critical thinking skills to plan and conduct research, manage projects, solve problems and make informed decisions using appropriate technology tools. Students:
  A.   identify and define authentic problems and significant questions for investigation and plan strategies to guide inquiry.
  B.   plan and manage activities to develop solutions and complete projects.
  C.   collect and analyze data to identify solutions and make informed decisions.
  D.   use multiple processes and diverse perspectives to explore alternative solutions.

V.   Digital Citizenship (2)
Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior. Students:
  A.   advocate and practice safe, responsible use of information and technology.
  B.   exhibit positive attitudes toward technology uses that support collaboration, learning, and productivity.
  C.   demonstrate personal responsibility for lifelong learning.
  D.   exercise proactive leadership for digital citizenship.

VI.   Technology Operations and Concepts (1, 3)
Students demonstrate a sound understanding of technology concepts, systems, and operations. Students:
  A.   understand and use technology systems.
  B.   identify and use applications effectively and productively.
  C.   troubleshoot systems and applications.
  D.   transfer current knowledge to learning of new technologies.

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• Please provide feedback to ISTE by completing the survey at www.iste.org/nets-survey.

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