NJSLS Corresponding Career Readiness, Life Literacies, and Key Skills

Content Area: **Technology**

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 **9.4 Life Literacies and Key Skills**

TECH.9.4.12.IML.2 Evaluate digital sources for timeliness, accuracy, perspective, credibility of the source, and relevance of information, in media, data, or other resources (e.g., NJSLSA.W8, Social Studies Practice: Gathering and Evaluating Sources.

TECH.9.4.12.CT.3 Enlist input from a variety of stakeholders (e.g., community members, experts in the field) to design a service learning activity that addresses a local or global issue (e.g., environmental justice).

TECH.9.4.12.DC.8 Explain how increased network connectivity and computing capabilities of everyday

objects allow for innovative technological approaches to climate protection.

TECH.9.4.12.CT.2 Explain the potential benefits of collaborating to enhance critical thinking and problem

solving (e.g., 1.3E.12profCR3.a).

TECH.9.4.12.IML.7 Develop an argument to support a claim regarding a current workplace or societal/ethical issue such as climate change (e.g., NJSLSA.W1, 7.1.AL.PRSNT.4).

TECH.9.4.12.IML.6 Use various types of media to produce and store information on climate change for

different purposes and audiences with sensitivity to cultural, gender, and age diversity (e.g., NJSLSA.SL5).

TECH.9.4.12.CI.1 Demonstrate the ability to reflect, analyze, and use creative skills and ideas (e.g.,

1.1.12prof.CR3a).

TECH.9.4.12.DC.7 Evaluate the influence of digital communities on the nature, content and responsibilities of careers, and other aspects of society (e.g., 6.1.12.CivicsPD.16.a).

TECH.9.4.12.CT.4 Participate in online strategy and planning sessions for course-based, school-based, or

other project and determine the strategies that contribute to effective outcomes.

TECH.9.4.12.TL.4 Collaborate in online learning communities or social networks or virtual worlds to analyze and propose a resolution to a real-world problem (e.g., 7.1.AL.IPERS.6).

TECH.9.4.12.IML.9 Analyze the decisions creators make to reveal explicit and implicit messages within

information and media (e.g., 1.5.12acc.C2a, 7.1.IL.IPRET.4).

TECH.9.4.12.IML.1 Compare search browsers and recognize features that allow for filtering of information. TECH.9.4.12.DC.2 Compare and contrast international differences in copyright laws and ethics.

TECH.9.4.12.IML.8 Evaluate media sources for point of view, bias, and motivations (e.g., NJSLSA.R6,

7.1.AL.IPRET.6).

TECH.9.4.12.DC.6 Select information to post online that positively impacts personal image and future college and career opportunities.

TECH.9.4.12.DC.3 Evaluate the social and economic implications of privacy in the context of safety, law, or

ethics (e.g., 6.3.12.HistoryCA.1).

TECH.9.4.12.DC.5 Debate laws and regulations that impact the development and use of software.

TECH.9.4.12.GCA.1 Collaborate with individuals to analyze a variety of potential solutions to climate change effects and determine why some solutions (e.g., political. economic, cultural) may work better than others (e.g., SL.11-12.1., HS-ETS1-1, HS-ETS1-2, HS-ETS1-4, 6.3.12.GeoGI.1, 7.1.IH.IPERS.6, 7.1.IL.IPERS.7, 8.2.12.ETW.3).

TECH.9.4.12.TL.1 Assess digital tools based on features such as accessibility options, capacities, and utility for accomplishing a specified task (e.g., W.11-12.6.).

TECH.9.4.12.CI.3 Investigate new challenges and opportunities for personal growth, advancement, and

transition (e.g., 2.1.12.PGD.1).

TECH.9.4.12.TL.2 Generate data using formula-based calculations in a spreadsheet and draw conclusions

about the data.

TECH.9.4.12.CT.1 Identify problem-solving strategies used in the development of an innovative product or practice (e.g., 1.1.12acc.C1b, 2.2.12.PF.3).

TECH.9.4.12.DC.1 Explain the beneficial and harmful effects that intellectual property laws can have on the creation and sharing of content (e.g., 6.1.12.CivicsPR.16.a).

TECH.9.4.12.IML.3 Analyze data using tools and models to make valid and reliable claims, or to determine

optimal design solutions (e.g., S-ID.B.6a., 8.1.12.DA.5, 7.1.IH.IPRET.8).

TECH.9.4.12.IML.4 Assess and critique the appropriateness and impact of existing data visualizations for an intended audience (e.g., S-ID.B.6b, HS-LS2-4).

TECH.9.4.12.TL.3 Analyze the effectiveness of the process and quality of collaborative environments. TECH.9.4.12.CI.2 Identify career pathways that highlight personal talents, skills, and abilities (e.g.,

1.4.12prof.CR2b, 2.2.12.LF.8).

TECH.9.4.12.DC.4 Explain the privacy concerns related to the collection of data (e.g., cookies) and generation of data through automated processes that may not be evident to users (e.g., 8.1.12.NI.3).

TECH.9.4.12.IML.5 Evaluate, synthesize, and apply information on climate change from various sources

appropriately (e.g., 2.1.12.CHSS.6, S.IC.B.4, S.IC.B.6, 8.1.12.DA.1, 6.1.12.GeoHE.14.a, 7.1.AL.PRSNT.2).

#  9.2 Career Awareness

WRK.9.2.12.CAP.22 Compare risk and reward potential and use the comparison to decide whether starting a business is feasible.

WRK.9.2.12.CAP.11 Demonstrate an understanding of Free Application for Federal Student Aid (FAFSA)

requirements to apply for postsecondary education.

WRK.9.2.12.CAP.4 Evaluate different careers and develop various plans (e.g., costs of public, private, training schools) and timetables for achieving them, including educational/training requirements, costs, loans, and debt repayment.

WRK.9.2.12.CAP.7 Use online resources to examine licensing, certification, and credentialing requirements at the local, state, and national levels to maintain compliance with industry requirements in areas of career interest.

WRK.9.2.12.CAP.18 Differentiate between taxable and nontaxable income from various forms of employment (e.g., cash business, tips, tax filing and withholding).

WRK.9.2.12.CAP.19 Explain the purpose of payroll deductions and why fees for various benefits (e.g., medical benefits) are taken out of pay, including the cost of employee benefits to employers and self-employment income.

WRK.9.2.12.CAP.13 Analyze how the economic, social, and political conditions of a time period can affect the

labor market.

WRK.9.2.12.CAP.15 Demonstrate how exemptions, deductions, and deferred income (e.g., retirement or

medical) can reduce taxable income.

WRK.9.2.12.CAP.1 Analyze unemployment rates for workers with different levels of education and how the economic, social, and political conditions of a time period are affected by a recession.

WRK.9.2.12.CAP.17 Analyze the impact of the collective bargaining process on benefits, income, and fair labor practice.

WRK.9.2.12.CAP.12 Explain how compulsory government programs (e.g., Social Security, Medicare) provide

insurance against some loss of income and benefits to eligible recipients.

WRK.9.2.12.CAP.14 Analyze and critique various sources of income and available resources (e.g., financial

assets, property, and transfer payments) and how they may substitute for earned income.

WRK.9.2.12.CAP.9 Locate information on working papers, what is required to obtain them, and who must

sign them.

WRK.9.2.12.CAP.6 Identify transferable skills in career choices and design alternative career plans based on those skills.

WRK.9.2.12.CAP.21 Explain low-cost and low-risk ways to start a business.

WRK.9.2.12.CAP.16 Explain why taxes are withheld from income and the relationship of federal, state, and

local taxes (e.g., property, income, excise, and sales) and how the money collected is used by local, county, state, and federal governments.

WRK.9.2.12.CAP.8 Determine job entrance criteria (e.g., education credentials, math/writing/reading

comprehension tests, drug tests) used by employers in various industry sectors.

WRK.9.2.12.CAP.23 Identify different ways to obtain capital for starting a business.

WRK.9.2.12.CAP.3 Investigate how continuing education contributes to one's career and personal growth.

WRK.9.2.12.CAP.10 Identify strategies for reducing overall costs of postsecondary education (e.g., tuition

assistance, loans, grants, scholarships, and student loans).

WRK.9.2.12.CAP.2 Develop college and career readiness skills by participating in opportunities such as

structured learning experiences, apprenticeships, and dual enrollment programs.

WRK.9.2.12.CAP.20 Analyze a Federal and State Income Tax Return.