



Obrazac Metodičkih preporuka za ostvarivanje odgojno-obrazovnih ishoda predmetnih kurikuluma i međupredmetnih tema za osnovnu i srednju školu

OSNOVNI PODATCI

Ime i prezime	Jelena Sabljak
Zvanje	mag. educ. engleskog jezika i književnosti mag. bibliotekarstva
Naziv škole u kojoj ste trenutno zaposleni	Srednja škola Čazma
Adresa elektroničke pošte	sabljakjelena88@gmail.com
Naslov Metodičkih preporuka	Guess what I study
Predmet (ili međupredmetna tema)	Engleski jezik
Za međupredmetnu temu navesti u okviru kojeg nastavnoga predmeta, sata razrednika ili izvannastavne aktivnosti se izvodi.	-
Razred	1. razred gimnazije / strukovne škole

OBVEZNI ELEMENTI

Odgojno-obrazovni ishod (oznaka i tekst iz kurikuluma predmeta ili međupredmetnih tema objavljenih u NN)	A.1.4. Učenik govori tekst srednje dužine koristeći se jezičnim strukturama srednje razine složenosti. C.1.4. Učenik izabire različite tehnike kreativnog izražavanja i koristi se njima: tumači i vrednuje postojeće i osmišljava nove ideje povezane s osobnim iskustvima i poznatim temama.
Tijek nastavnog sata	1. Učenici nasumično odaberu papir s podacima o neobičnom studiju 2. Učenici pripreme opis studija bez korištenja ključnih riječi 3. Učenici predstavljaju „svoj“ studij, a ostali pogađaju točan naziv 4. Rasprava 5. Izmišljanje novog studija 6. Samovrednovanje
Opis svih aktivnosti (što rade učenici, a što učitelj/nastavnik)	Učenici izvuku papir na kojemu pišu detalji o neobičnim studijima te imaju za zadatak pripremiti kratak opis tog studija kao svog, ali bez korištenja ključnih riječi. Učenici zatim sjede



	<p>u krugu i predstavljaju se kao studenti tog studija, a ostali pogađaju točan naziv studija. Ukoliko ima puno učenika, može se ograničiti vrijeme na 45 sekundi za predstavljanje i pogađanje, nakon čega učenici otkrivaju naziv studija ako ga nitko nije pogodio.</p> <p>Nakon što su svi učenici predstavili „svoj“ studij i otkriveni su svi nazivi slijedi diskusija o tome koji su im studiji najzanimljiviji / najmanje zanimljivi, što bi od toga htjeli studirati ili ne bi i zašto te jesu li čuli za još koji neobičan studij koji nije bio spomenut.</p> <p>Učenici zatim imaju priliku osmisлити neobičan studij tako da na papiriće napišu u jednoj hrpi nasumične imenice i u drugoj imenice vezane uz obrazovanje (npr. education, science, technology, arts, engineering, invention, industry, itd.) koje onda izvlače i spajaju u studij za koji moraju smisliti opis, primjere predmeta, moguća radna mjesta i fakultet gdje se može studirati.</p>
Sadržaji koji se koriste u aktivnostima	<p><u>Primjeri studija</u> (odabrati po težini vokabulara i broju učenika) za isprintati na papiru i izrezati (izvor naveden na kraju tablice):</p> <p>Adventure Education</p> <p><u>What you study:</u> Teaches “you how to use the Great Outdoors to expose children, adults and at-risk populations to challenging adventures, personal growth and self-discovery.”</p> <p><u>Where you can get the degree:</u> Plymouth State University</p> <p><u>Example courses:</u> Rock Climbing Fundamentals, Canoe Paddling Fundamentals, Wilderness Expedition and Whitewater Kayaking</p> <p><u>Job prospects:</u> Working in outdoor education at a state or national park, Outdoor/adventure programs</p> <p><u>Key words:</u> adventure, education</p> <p>Arctic Engineering</p> <p><u>What you study:</u> “Trains graduate engineers to</p>



deal with the challenges of design, construction and operations in cold regions of the world.”

Where you can get the degree: University of Alaska Fairbanks

Example courses: Frozen Ground Engineering, Ice Engineering and Sea Ice

Job prospects: Private industry or government agency planning and regulating development activity in cold regions

Key words: engineering, engineer(s), arctic

Astrobiology

What you study: “The exploration of life outside of Earth and to the investigation of the origin and early evolution of life on Earth.”

Where you can get the degree: University of Washington or Penn State

Example courses: Planetary Habitability, Astrobiology Field Experience

Job prospects: Astrobiology researcher, scientist or educator

Key words: astrobiology

Auctioneering

What you study: How to be an auctioneer, from learning the “auctioneer’s chant,” obtaining and appraising items to running an auction from start to finish.

Where you can get the degree: Harrisburg Area Community College

Example courses: Audience Communications, Auctioneering Law, Procurement and Appraisal of Merchandise, Preparations for the Auction

Job prospects: You guessed it – an auctioneer

Key words: auctioneering, auctioneer, auction



Bagpiping

What you study: Bagpiping, “a program of study where a person can get a complete grounding in music as well as specific instruction on the instrument.”

Where you can get the degree: Carnegie Mellon University

Example courses: Studio, Theory, History

Job prospects: A bagpiper or teaching the bagpipes

Key words: bagpipes, bagpiper, bagpiping

Citrus

What you study: Students learn about “planting, irrigating, weed management, pruning, fertilizers, pest identification and management, and other aspects of tree management working with our on-campus collection of many varieties of citrus trees.”

Where you can get the degree: Florida Southern College

Example courses: Introduction to Citrus, Citrus Grove Management, Soil Science, Plants and Society and Plant Nutrition

Job prospects: Large citrus production companies, grove service companies, agricultural cooperatives, juice processing plants, agricultural and fertilizer companies and at citrus research facilities.

Key words: citrus

Diving Business and Technology

What you study: Management of dive business along with “physics and physiology as applied to diving, emergency medicine and first aid for pressure related injuries, recompression chamber operation, mixed gas dive planning, and underwater photography.”



Where you can get the degree: Florida Keys Community College

Example courses: Advanced Diving Theory and Practice, Intro to Marine Biology, Intro to Oceanography, Scuba Rescue and Emergency Medicine, Underwater Photography, Basic Seamanship

Job prospects: Divemaster, scuba instructor, commercial diver, research diver, underwater photojournalist, etc.

Key words: diving, dive, diver, scuba

Entertainment Engineering and Design

What you study: Students study “engineering principles, new materials, new and emerging technologies, and traditional theatrical practices while still being able to recognize the artistic demands of the entertainment industry.”

Where you can get the degree: University of Nevada, Las Vegas

Example courses: Multimedia Design, Design for Live Entertainment, History of Entertainment and Technology

Job prospects: An engineer in the entertainment industry (shows, casinos, etc.)

Key words: entertainment, engineering, design

Exercise and Movement Sciences

What you study: “Involves the theory and application of movement science in health, fitness and disease prevention in diverse populations.”

Where you can get the degree: University of Vermont

Example courses: Prevention & Care Athletic Injuries, Fundamentals of Nutrition, Exercise & Sport Psychology, Biomechanics of Human



Movement, Fitness for Specific Populations

Job prospects: Health and fitness industry, corporate wellness, research labs, adaptive sports programs and community organizations

Key words: exercise, movement, fitness

Fermentation Sciences

What you study: Wine and brewing from systems design and engineering to “understanding the social and cultural implications of food and beverage production.”

Where you can get the degree: Appalachian State University

Example courses: Social Implications of Fermented Beverages, Viticulture: Vine Physiology and Vineyard Establishment, Brewing Science and Analysis, Sensory Analysis of Wine and Beer

Job prospects: Vineyards, wineries, breweries, distilleries, and biotechnology businesses

Key words: fermentation, brewing

Metalsmithing/Blacksmithing

What you study: The program is designed to “emphasize development of hand skills, and work to enhance the student’s aesthetic values, critical thinking and dialogue abilities, as well as their technical skills.”

Where you can get the degree: Southern Illinois University

Example courses: Fine Arts, Introduction to Visual Culture, Studio courses

Job prospects: Careers in academia and museum work, independent artist

Key words: metalsmithing, blacksmithing

Mortuary Science



What you study: "All phases of funeral service and to assist them in the development of skills necessary to meet and exceed the standards of care in dealing with health, safety, and welfare associated to the preparation and care of the deceased."

Where you can get the degree: University of the District of Columbia Community College

Example courses: Anatomy & Physiology, Funeral Service Orientation, Descriptive Pathology, History & Sociology of Funeral Service, Theories of Embalming & Disposition, Funeral Service Law

Job prospects: Funeral service practitioner in funeral homes, hospitals, medical schools, health, and the offices of medical examiners or coroners.

Key words: mortuary, funeral, deceased, dead

Nautical Archaeology

What you study: "The remains of boats and ships and the cultures that created and used them."

Where you can get the degree: Texas A&M University

Example courses: Books and Treatises on Shipbuilding, Outfitting and Sailing the Wooden Ship 1400-1900, Archaeological Photography

Job prospects: Maritime Archaeology and Conversation, Nautical and Underwater Archaeology

Key words: nautical, archaeology

Puppet Arts

What you study: Puppetry or the art of the puppet; creating, building and managing puppets and puppet shows

Where you can get the degree: University of



Connecticut

Example courses: Puppet Production Techniques, Voice and Diction, Scene Design and Painting, Trends in Contemporary American Puppetry, Marionette Performance, Marionette Construction

Job prospects: Theatre performance and design, television and film puppetry, school and museum programs

Key words: puppet, puppetry, marionette

Race Track Industry

What you study: All aspects of the horse race track. Students choose either a business track to learn race track management, regulation and pari-mutuel racing organizations or an equine management track to study racing and breeding animals.

Where you can get the degree: University of Arizona

Example courses: Race Track Marketing and Media Relations, Racing Laws and Enforcement, Race Track Organization, Structure and Financial Management

Job prospects: Track-related careers such as track secretary or announcer, journalist, photographer or other horse-related careers

Key words: race, racing, track, horse

Surf Science and Technology

What you study: In a nutshell, how to be an awesome surfer.

Where you can get the degree: Cornwall College (UK)

Example courses: Culture of Surf & Sport, Physical & Geographical Influences on Surfing, Surf Business

Job prospects: Surf-related fields, surf business,



surf instructor

Key words: surf, surfing, surfer

Turfgrass Science

What you study: "Turfgrass species, establishment, maintenance, and pest control of turfgrass species used for sports, lawn/utility turf, and golf courses."

Where you can get the degree: Penn State

Example courses: Turfgrass and Ornamental Weed Control, Turfgrass Nutrition, Case Studies in Turfgrass, Turfgrass Pesticides

Job prospects: Golf course maintenance, professional lawn care, grounds maintenance, sod production, sales and service, athletic field maintenance, and research technician

Key words: turfgrass, lawn

Comic Art

What you study: "Comic art students are taught to gain command of line, color, and composition, as well as character development, storyboarding, and plot to create complex works that pull readers in."

Where you can get the degree: Minneapolis College of Art and Design

Example courses: History of Comic Art, Comic Media and Concepts, Comic Book Publishing: Print and web and Comic Storytelling

Job prospects: Working at comic studios as a cartoonist, illustrator or author or in comic book art production

Key words: comic(s), art

Theme Park Engineering

What you study: "Electrical Engineering, with additional training from the Civil and Mechanical Engineering Departments, and



covers topics in electrical power, and electrical, mechanical, hydraulic, and pneumatic control.”

Where you can get the degree: California State University

Example courses: Engineering Problem Solving and Design, Computer Methods in Engineering, Engineering Problems and Analysis, Manufacturing Processes

Job prospects: Engineer in theme parks, amusement facilities and related industries

Key words: theme park, park, engineering

Astrobiology

What you study: “The exploration of life outside of Earth and to the investigation of the origin and early evolution of life on Earth.”

Where you can get the degree: University of Washington or Penn State

Example courses: Planetary Habitability, Astrobiology Field Experience

Job prospects: Astrobiology researcher, scientist or educator

Key words: astrobiology, astro, biology

Bakery Science

What you study: The degree program “trains students for administrative, research, production, and executive positions in the baking industry.”

Where you can get the degree: Kansas State University

Example courses: Introduction to Grain Science and Industry, Cereal Science, Flour and Dough Testing, Baking Science

Job prospects: Careers within restaurants, caterers, hotels, clubs, food manufacturers, testing laboratories, and large and small bakeries



Key words: bakery, science, baking

Bowling Industry Management and Technology

What you study: "Overall learning and preparation for employment" within the bowling industry.

Where you can get the degree: Vincennes University

Example courses: Lane and Pinsetter Maintenance, Bowling Lanes Management, Pro Shop Operations and Instruction

Job prospects: Entry-level positions within the bowling industry in center management, sales, marketing, and technical fields.

Key words: bowling, industry, management, technology

Chemical Hygiene & Safety

What you study: The program "emphasizes laboratory and experiential coursework to develop skills needed to be a professional chemical hygiene officer."

Where you can get the degree: West Virginia Wesleyan College

Example courses: Principles of Laboratory Safety, Chemical Hygiene Responsibilities, Personal Apparel and Personal Protective Equipment (PPE), General Protocols

Job prospects: Running a science lab, working in a lab as a chemical hygiene officer

Key words: chemical, hygiene, safety

Nannyng

What you study: Child development training, infant care techniques, etiquette and manners, how to prepare nutritious meals and snacks, communicate effectively with parents and children, create learning opportunities focusing on the eight multiple intelligences, safety with CPR and First Aid certifications and Water



	<p>Safety training, planning learning opportunities for children from infancy through adolescence, etc.</p> <p><u>Where you can get the degree:</u> Sullivan University</p> <p><u>Example courses:</u> Infant Care, Creative Enrichment, The Growing Child, Safety and Nutrition</p> <p><u>Job prospects:</u> A private nanny, childcare provider, daycares, schools</p> <p><u>Key words:</u> nanny/nannies, nannying, child/children</p>
<p>Primjeri vrednovanja za učenje, vrednovanja kao učenje ili naučenog uz upute</p>	<p><u>Rasprava o studijima:</u></p> <p><i>Which study did you find the most/least interesting and why?</i></p> <p><i>Would you consider studying any of them and why/why not?</i></p> <p><i>Do you know any other unusual studies that weren't mentioned?</i></p> <p><u>Lista provjere za samovrednovanje osmišljavanja studija:</u></p> <p>Do you have the following elements?</p> <p>Description of the study: YES / NO</p> <p>Where you can get the degree: YES / NO</p> <p>Example courses: YES / NO</p> <p>Job prospects: YES / NO</p>
<p>Razrađeni problemski zadaci, zadaci za poticanje kritičkog razmišljanja, kreativnosti i/ili istraživački zadaci; ovisno o predmetu i nastavnoj temi</p>	<p><u>Problemski zadaci:</u> učenici moraju osmisliti opis studija bez korištenja ključnih riječi</p> <p><u>Zadaci za poticanje kreativnosti:</u> učenici smišljaju program izmišljenog studija</p>
DODATNI ELEMENTI¹	
<p>Poveznice na više odgojno-obrazovnih ishoda različitih predmeta ili očekivanja međupredmetnih tema</p>	<p>pod A.4.1. Primjenjuje inovativna i kreativna rješenja</p>

¹ Sastavni elementi prijave koji omogućuju dodanu vrijednost provedbi javnog poziva. Nisu obavezni, ali nose dodatne bodove u skladu s kriterijima procjene Metodčkih preporuka.



Aktivnost u kojima je vidljiva interdisciplinarnost	
Aktivnosti koji obuhvaćaju prilagodbe za učenike s teškoćama	Slabijim učenicima dati ponuđene nazive studija koje moraju spojiti s opisima.
Aktivnosti za motiviranje i rad s darovitim učenicima	Učenici koji žele kod kuće odabiru web alat i izrađuju promotivni materijal za izmišljeni studij po izboru.
Upute za kriterijsko vrednovanje kompleksnih i problemskih zadataka i/ili radova esejskoga tipa	
Projektne zadaci (s jasnim scenarijima, opisima aktivnosti, rezultatima projekta, vremenskim okvirima)	
Poveznice na multimedijske i interaktivne sadržaje	
Prijedlozi vanjskih izvora i literature	Podaci o studijima preuzeti s: https://www.fastweb.com/career-planning/articles/the-35-weird-but-cool-college-majors