Lesson Plan
Lesson Structure (110-140 Minutes)

Teacher's Name	Subject/Course Title Grade Level	Date
Jelena Peurača	Geography, 5. Grade, age 10-11	13-14.3.2025.
Materials Needed: 1.plastic foil for hologram, 2.mobile phone, 3. Cardboard, 4. Styrofoam balls, 5. caulking gun, 6.wire, 7. Switch on/off, 8. Battery, 9. Toilet paper roll, 10. Acrylic /(color) paint	Lesson Outcomes: *(*what the student is expected to learn and to do) 1. Recognizes the consequences of the Earth's movement (rotation and revolution) on everyday life 2.describe the movement of the Earth around its axis; 3. explain the consequences of the movement of the Earth around its axis; 4. explain the movement of the Earth around the Sun; 5.analyze the consequences of the movement of the Earth around the Sun; 6.Build and test hologram models 7.Understand and demonstrate the revolution of the Earth through practical work activities and physical exercises .	
Engage (angažovanost)	**Activity 1** The teacher introduces students to the movement of the Earth-Moon around the Sun.Students independently list the consequences of the movement of the Earth and the Moon around the Sun on human life, as well as what would happen if it were not there Duration 20 min **Activity 2** Students make a hologram model Duration 10-15 min https://www.youtube.com/watch?v=ORn7A7i127o&ab_channel=ShowMaker%28showmaker%29 **Activity 3** hologram revolution earth https://www.youtube.com/watch?v=lHk2KDOmDOc&ab_channel=MuonRay Duration 10 min. **Activity 4** Students make a model of the Earth's movement and draw the Earth, the Sun. https://www.youtube.com/watch?v=nGd5H9FONgM&ab_channel=GeniusTheory Duration 30 min **Activity 5** Students make a Kahoot quiz,	

	Duration 25 min. **Activity 6** Physical activity game with a screw (jump rope) and hula hoop that shows the movement of students around one student Duration 15-20 min.
Explore	Activity 3 Using a mobile phone and YouTube, students discover how the Earth moves around the Sun with hologram. Activity 4 Using mobile phone nd YouTube, students discover how the Earth moves around the Sun with holograma.
Explain (objašnjenje)	Activity 2 With the help of YouTube, students discover how to make a hologram Students make a hologram out of plastic parts that has the shape of a pyramid. Activity 3 Using a mobile phone and YouTube, students discover how the Earth moves around the Sun Activity 4 Students make a model of the Earth's rotation from cardboard, colored Styrofoam balls, and batteries. Activity 5 Kahoot divides into 6 groups, each group gets the task of coming up with 2 questions from different areas of the Earth's movement. Group representatives create a Kahoo quiz on behalf of the teacher. When the quiz is finished, the teacher plays the quiz and all the students participate. The first group of consequences of the movement of the earth Group 1. Season 2. Tropical zone , 3. Temperate zone 4. Polar zone 5. Calendar, 6. the consequences of the movement of the Earth Activiti 6 a. The first group hula hoop https://www.youtube.com/watch?v=ri8GGSiI3Fw&ab_channel=wikiHow Game rules: b. The second group A student stands in the center and spins the screw (jump rope). The other students spin the screw- jump. The student who steps on the screw is out of the game.
Elaborate	Science: the study of the rotation of the Earth and its consequences Technology: Using devices (mobile app) to hologram and Kahoot . Physical education:engaging in a game with a skipping rope and circling (rotation) around the students Art: Creating a model of the Earth and the Sun

Evaluate	Students will be able to explain the motion of the Earth and its impact on life. When creating models of the Earth's revolution, students develop creativity and connect knowledge from technical education.By making models, asking or made questions, and creating Kahoot quizzes, students develop teamwork. Formative learning here comes from expression, we observe creativity, research spirit, but also group work as success in the Kahoo quiz.