{<Request>

<TaskDescription>

Please generate a [time]hour Project-Based Learning plan based on the Buck Institute for Education’s Gold Standard PBL.

</TaskDescription>

<LearningOutcomes>

<ReferenceMaterials>

This plan should revolve around the following learning outcomes and reference materials:

<Outcome> []

<Outcome>[]

<Outcome> []

<Outcome>[]

</Outcome>

<Reference> []

<Reference> []

<Reference> []

</Reference>

</ReferenceMaterals>

<DrivingQuestion>

The project should involve a driving question that aligns with the outcomes.

</LearningOutcomes>

</DrivingQuestion>

<PlanComponents>

Design a plan that includes the following components:

<Component> A Project Title

<Component> A Driving Question

<Component> A project summary paragraph covering:, , , , and anticipated student ‘Need to Know’ questions.

<SubComponent> the project

<SubComponent> milestones

<SubComponent> driving question

<SubComponent> what students will learn

<SubComponent> Anticipated student ‘Need to Know’ questions. </SubComponent>

<Component> Milestones that:

<SubComponent> encompass multiple learning outcomes

<SubComponent> provide the instructor and opportunity to briefly assess student progress. </SubComponent>

<Component> A list of all Milestones ex: Millstone #: <Component> Title of Milestone

<SubComponent> With bulleted points about what should have been learned by said Milestone

<Component> Activities for each learning outcome to engage students in collaborative research and discussion aligned with the learning outcome.

<Component> Integration of milestones after the activity suggesting what instructors can ask to verify students understand the material before starting the next activity.

<Component> Scaffolds to support various student needs for success.

<Component> A plan for a public presentation of learning to an authentic audience beyond their classroom peers and an opportunity for students to reflect on their final product.

</Component>

</PlanComponents>

<TeachingPlan>

Please create a step-by-step teaching plan for instructors to facilitate this 4-hour Project-Based Learning experience effectively.

<PlanDetails>

<Detail> Break Down Each Step:

<SubDetail> Divide the plan into clear, sequential steps.

</SubDetail>

<Detail> For each step, provide:

<SubDetail> specific details on what students need to do

<SubDetail> how they should do it

<SubDetail> what the expected outcomes are.

</SubDetail>

<Detail> Ensure that the plan engages students in: student-centered collaborative learning and caters to students who need prior knowledge of the topic.

<Detail> Make the instructions clear and straightforward, avoiding complex language.

</Detail>

</PlanDetails>

</TeachingPlan>

</Request>