

Exodus 7-15 Bible Study

Objective: This study guide explores Exodus chapters 7-15 through the interdisciplinary approach of Science, Technology, Engineering, Arts, Mathematics, and Social Studies (STEAMS). By connecting the biblical narrative with various academic disciplines, participants will gain a deeper understanding of the events leading to the Israelites' deliverance from Egypt, the ten plagues, and the miraculous crossing of the Red Sea, all while emphasizing God's faithfulness.

Key Components

Science (S): Environmental Impact of the Plagues

- ❖ **Topic:**
Examine the environmental and biological phenomena in the ten plagues and their effects on Egypt.
- ❖ **Project:**
Locust Invasion Study: Compare the locust swarm in Exodus 10:12-15 and with modern-day locust invasions. How do these events impact agriculture and society? Discuss the broader environmental consequences of these plagues.

<p>Technology (T): Survival and Egyptian Infrastructure</p>	<ul style="list-style-type: none"> ❖ Topic: Analyze the tools, technologies, and methods used by the Egyptians to maintain control over the Israelites, as well as the Israelites' preparation for departure. ❖ Projects: <ul style="list-style-type: none"> Brickmaking Technology: Research ancient brickmaking techniques as described in Exodus 5:6-19. How did these methods impact labor and production? Compare ancient practices with modern construction techniques. Food Preservation and Bread: Explore the significance of unleavened bread in Exodus 12:34-39. Investigate ancient food preservation techniques, particularly in times of haste or migration, and compare them with modern methods.
<p>Engineering (E): Crossing the Red Sea</p>	<ul style="list-style-type: none"> ❖ Topic: Analyze the miraculous crossing of the Red Sea, focusing on the practical and engineering challenges of leading a large group of Israelites through the parted waters, as described in Exodus 14:21-22. ❖ Project: <ul style="list-style-type: none"> Engineering of Escape Routes: Create a detailed map illustrating the potential route the Israelites could have taken during the crossing of the Red Sea, as described in Exodus 14:21. Analyze the geographical features, terrain, and environmental conditions, and consider how long it would take for a large group of people, including livestock, to traverse the path.

<p>Arts (A): Visual and Literary Expression of Oppression and Deliverance</p>	<ul style="list-style-type: none"> ❖ Topic: Explore the themes of deliverance, faith, and God’s power through visual and literary interpretations of key moments in Exodus 7-15. ❖ Project: Song of Moses Reflection: Write a literary piece inspired by the "Song of Moses" (Exodus 15:1-18). Reflect on the themes of victory, deliverance, and God’s faithfulness, drawing connections to personal experiences of overcoming challenges.
<p>Mathematics (M): Population Growth and Workload Analysis</p>	<ul style="list-style-type: none"> ❖ Topic: Analyze the numerical aspects of the Exodus story, including the number of people involved and the timing of key events. ❖ Project: Population Dynamics: Based on Exodus 12:37, calculate the approximate number of people (men, women, children, and livestock) involved in the Exodus. Discuss the implications of moving such a large group through the desert.
<p>Social Studies (SS): Cultural and Ethical Context in Exodus</p>	<ul style="list-style-type: none"> ❖ Topic: Examine the cultural, ethical, and social dynamic, focusing on the relationship between the Israelites and Egyptians, and how the plagues challenged societal structures. ❖ Projects: Cultural Significance of the Plagues: Study the impact of the plagues on Egypt’s social and religious systems, including Pharaoh’s authority and Egyptian beliefs (Exodus 7-12). Discuss how these events reshaped cultural values.

	<p>Ethical Leadership: Analyze Moses' leadership decisions, such as his persistence despite Pharaoh's resistance (Exodus 7-12). Create a discussion guide examining how these choices highlight themes of justice, faith, and responsibility.</p>
--	--

Key Takeaways

As we conclude our study of Exodus 7-15, we are reminded of God's overwhelming power and His steadfast commitment to His people. These chapters vividly illustrate the escalating conflict between Pharaoh's hardened heart and God's relentless pursuit of justice through the plagues. From the devastation in Egypt to the miraculous crossing of the Red Sea, we see God's hand at work, delivering His people from oppression. In our lives, just like the Israelites, we can trust that God will guide us through trials, leading us to freedom and victory with unwavering faithfulness.