

Health Science PBL

Driving Question: Why is it important to establish habits that promote a healthy lifestyle?

Essential Question: Why does God want human beings to choose to have a healthy mind and body?

Students (working in groups of 3) will develop a product that informs others of the dangers associated with poor nutrition, poor hygiene, and poor fitness habits as well as the lifestyle changes that can combat it.

Students will research (online or through other means, including the Bible) health and environmental issues that contribute to factors associated with plagues/disease, infection, obesity, mental health, and other health issues to educate the general public about these issues and their dangers. Students will also, analyze the effects of sin on our health and in our environment. A research paper will be written to encompass all the issues that we have addressed, as well as how some of these issues have been dealt with throughout history. The presentation will focus on one major issue (hygiene, drugs, nutrition, etc...).

Presentation: Public Service Announcement / Informational video

Standards to be met:

Science	Language Arts
S.6-8.HS.3	LA.6-8.SL.4
S.6-8.HS.4	LA.6-8.SL.5
S.6-8.HS.5	LA.6-8.W.5
S.6-8.HS.6	LA.6-8.W.6
S.6-8.HS.8	LA.6-8.W.7
S.6-8.HS.9	LA.6-8.W.8
S.6-8.HS.10	Social Studies
S.6-8.HS.11	SS.5-8.TCC.6
Technology	SS.5-8.PPE.2
T.6-8.DL.5	SS.5-8PPE.9

Learning Objectives:

Students will learn health promotion and disease prevention, as well as learn and inform others about how to have healthy lifestyle choices.

Grading and Expectation Rubric

	4	3	2	1
Research and Content	Use 10 or more resources for research, including online resources, personal interviews, and other media. All resources are properly documented.	Use 7 or more resources for research, including online resources, personal interviews, and other media. All resources are properly documented.	Use 4 or more resources for research, All resources are properly documented.	Use more than one resource for research, All resources are properly documented.
	Research paper expounds on Diseases/remedies throughout history, current health issues such as nutrition, hygiene, fitness, drugs/alcohol, mental health, and discusses how sin has affected the health of humans as well as the environment. Paper also discusses healthy lifestyle habits. Answers the driving question and the essential question.	Research paper expounds on at least 5 of the following issues: Diseases/remedies throughout history, current health issues such as nutrition, hygiene, fitness, drugs/alcohol, mental health, and discusses how sin has affected the health of humans as well as the environment. Paper also discusses healthy lifestyle habits. Answers the driving question	Research paper touches on at least 5 of the following issues: Diseases/remedies throughout history, current health issues such as nutrition, hygiene, fitness, drugs/alcohol, mental health, and discusses how sin has affected the health of humans as well as the environment. Answers the driving question	Research paper touches on at least 3 of the following issues: Diseases/remedies throughout history, current health issues such as nutrition, hygiene, fitness, drugs/alcohol, mental health, and discusses how sin has affected the health of humans as well as the environment. Answers the driving question
	Paper is turned in typed and printed. No grammatical or spelling errors. Organized with section headings. Abstract is included	. Paper is turned in typed and printed. No grammatical or spelling errors. Organized with section headings.	Paper is turned in typed and printed. few grammatical or spelling errors	Paper is turned in typed and printed.

Presentation	public service announcement focusing on one major health issue includes scripted information about topic, detailing problems and solutions, containing researched evidence.		public service announcement focusing on one major health issue includes scripted information about topic, detailing problems and solutions	
	All three group members have contributed to the making of and appear in the visually pleasing presentation.	All three group members have contributed to the making of and appear in the presentation.		