



THE HEADLINER

Heritage Christian High School
Friday, December 2, 2005

Light: Did You Know?

By Brittany Kooiker

Genesis 1:3 “And God said, Let there be light: and there was light.” Do we realize how amazing the creation of light really is? Do we realize how important light really is to us and our sight?

Nothing would be visible to us without light. We only see things when light bounces off an object and returns to our eyes. Light travels in waves at a speed of 300,000,000 meters per second (which is 186,000 miles per second). To put that in perspective here is an example: it would take a car traveling at 60 miles per hour, without ever stopping, 50 hours to travel cross-country. It would take light a mere .02 seconds to travel the same distance. Now that’s fast!

Another property of light is how it passes through different materials. This affects the color we see. When light travels through a material, it will sometimes refract. Refraction is when light enters a new material at an angle and bends. An archer fish adjusts to refraction when it hunts insects. This amazing kind of fish hunts along the surface of the water near the shore. To hunt, it spits out little beads of water at insects in the air. Because light refracts as it passes from air into water, the archer fish shoots at a different angle than where he sees the insect--and almost never misses! The insect falls; the archer has his meal. Wow!

Understanding how fast light travels, we realize how big God’s universe really is. Light travels fast, but it still takes eight minutes to travel from the Sun to Earth, and five and a half hours to reach Pluto. Now consider this: it takes 4.3 years for light to travel from the sun to the nearest star: 300,000,000 meters a second for over four years! We can’t even imagine how far away that is. Distances this large are measured in light years, one light year for every year it takes to travel.

Our God is truly Almighty. His creation of light is amazing, along with his creation of fish, the universe and more. God promises to use His Word as a light unto our path. We will not walk in darkness because God has created light!

ANNOUNCEMENTS

Bball Schedule Changes

The basketball schedule is found on the back of this *Headliner*. Changes have been made. Please note that the girls play first on January 25. Also, today’s game against Portage Christian will be played at Southaven Christian, K-6 school. The boys’ team will be playing first today.

Picture Retakes on Tuesday

Students may get picture retakes on Tuesday December 6. If retakes are desired, the full packet must be returned to the office.

Yearbook

Patrons & Advertisers

The Journalism class has been contacting businesses to advertise in our 2005-2006 yearbook. We also have been calling families or individuals to be patrons of our yearbook. If you own a business and would like to advertise, or if you would like to be a patron, and have not been contacted yet, please contact Mrs. Valerie DeKok, yearbook adviser, or a member of the Journalism class. We apologize if we missed you!

December Exams

Because of interim this year, exams will be held before Christmas break, Tuesday Dec. 20 through Thursday Dec. 22. A complete exam schedule is found on the back of this *Headliner* along with related announcements.

Interim

Interim will be held during the first two weeks in January after Christmas break. First semester officially ends at the end of interim.

Accounting

By Emily Van Drunen

In Heritage Christian High School, we have the opportunity to take Accounting. It is a very interesting course taught by Mr. Noorman. We have daily assignments to keep up on and a test every week to recall what we have learned throughout the week. This test could consist of True/False, filling in a journal and ledger, and multiple choice.

In this course, we have learned that we have to be very organized and consistent in doing our homework each day. Our accounting assignments consist of problems which the class goes through together, problems we do on our own, and application problems, which students also finish by themselves. Besides all the other assignments that we have to accomplish, we have to memorize terms from each chapter. Some examples of terms could be memorandum, cash sale, journal, wholesale merchandising business and purchase invoice.

In this class, we have just finished learning how to journalize purchases, cash payments, sales, and cash receipts. Also we have learned how to post to general and subsidiary ledgers. Accounting is a very applicable course, which we will be able to use. Throughout all our lives we will be able to apply this business course to our work surroundings.

2005-2006 Basketball Schedule

* All Games Away

<u>Date</u>	<u>Opponent</u>	<u>Time</u>
Dec. 2	Portage Christian	Boys @ 4:30 Girls @ 6
Dec. 8	Ridgewood Baptist	Girls @ 5
Dec. 9	CHESS	Boys @ 6
Dec. 15	Illinois Lutheran	Boys @ 6
Dec. 16	Southside Baptist	Girls @ 4:30 Boys @ 6
Jan. 6	Grace Baptist Academy	Girls @ 6 Boys @ 7:30
Jan. 11	CHESS	Boys @ 6
Jan. 12	Covenant DeMotte	Girls @ 5:30 Boys @ 7
Jan. 25	Illinois Lutheran	Girls @ 6 Boys @ 7:30
Feb. 3	Luther East	Girls @ 4:30 Boys @ 6
Feb. 10	Covenant DeMotte	Girls @ 5:30 Boys @ 7

1st Semester Exams – 2005

	<u>Tuesday, Dec. 20</u>	<u>Wednesday, Dec. 21</u>	<u>Thursday, Dec. 22</u>
8:00 – 9:30 AM	1. All Math	1. General Science Physics US History	1. Church History Cults
9:45 – 11:15 AM	2. All English	2. Western Civ. Spanish I & II	2. HAP

Classes Not Scheduled for an Exam Days:

Accounting: 3 Major Tests are given over course of the year.

The exam 2nd Semester will be the 3rd test.

Keyboarding & Publishing: Tests will be given in class periods previous to Exam Days.

Attendance:

- All Students expected at school by 8 AM each day.
- Those not taking an exam first hour will be in study hall.

- Those finished with exams after first hour are dismissed for the day. (9:30 AM)
- School dismisses at 11:15 each of these 3 days.