# WEB DESIGN

## MERGING ART & TECHNOLOGY

# HOW THE INTERNET WORKS

The Internet is a worldwide network of connected computers that uses a common protocol (set of rules) to communicate with each other.

# HOW THE INTERNET WORKS

The **Internet** was conceived in the U.S. in the late 1960's, and funded by the Department of Defense.

# WHAT'S ON THE INTERNET?

There are many parts to the Internet.

Some of these are **e-mail**, **file sharing (cloud)**, **online games**, **video chat**, **music**, **podcasts** and **video**.

# WHAT'S ON THE INTERNET?

The part of the Internet that we hear about the most is the World Wide Web.

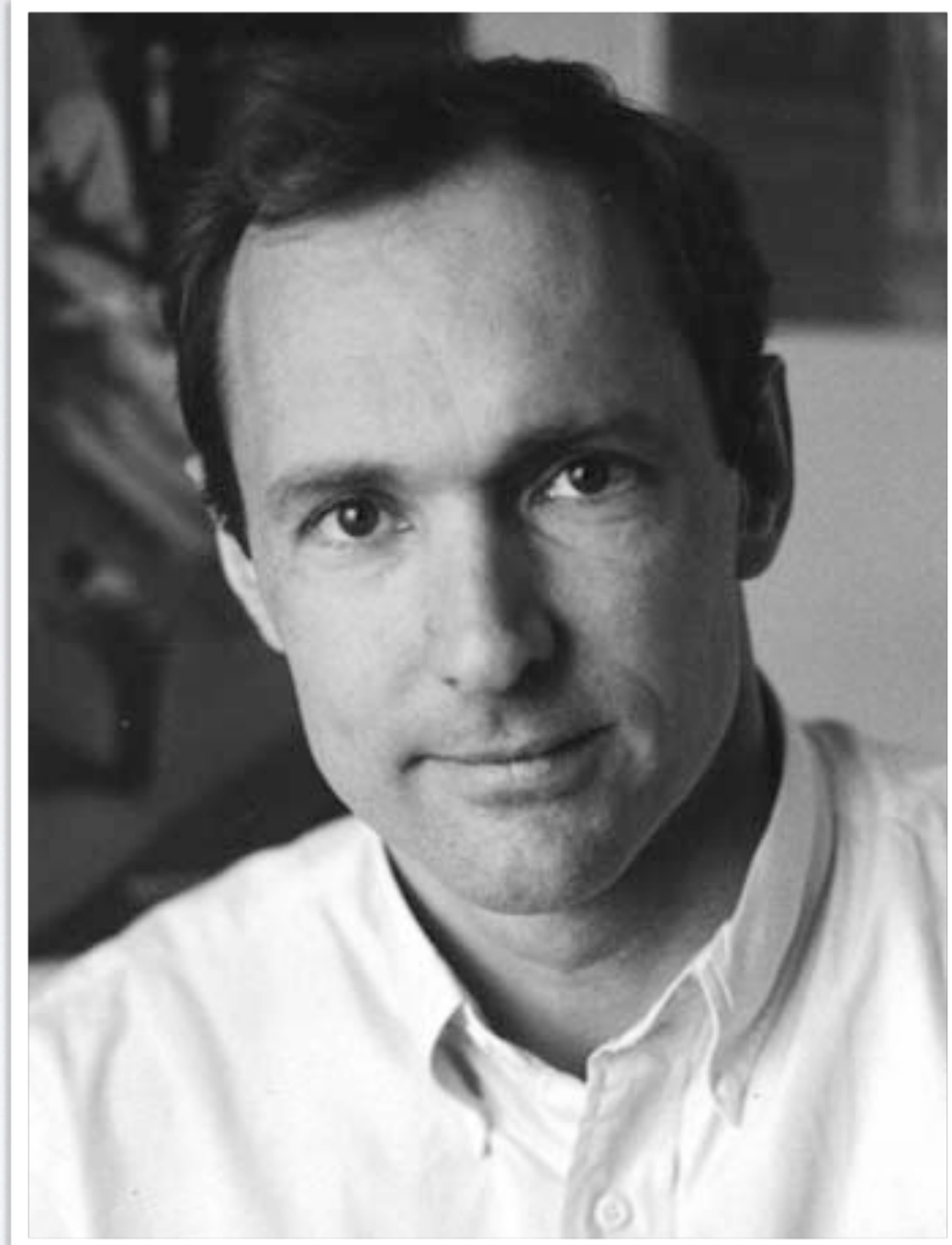
# ONLINE IN 60 SECONDS

ON THE INTERNET, WE ALL KNOW THINGS CAN MOVE AT A LIGHTNING-FAST PACE. IN JUST A MINUTE, YOU CAN READ THROUGH AND COMPOSE A FEW TWEETS ALONG WITH LOOK AT DOZENS OF FACEBOOK PHOTOS. THAT SAID, WE'VE PULLED TOGETHER THIS INFOGRAPHIC TO GIVE YOU AN UPDATED VIEW OF EVERYTHING THAT HAPPENS ONLINE IN 60 SECONDS DURING 2013.

# THE WORLD WIDE WEB

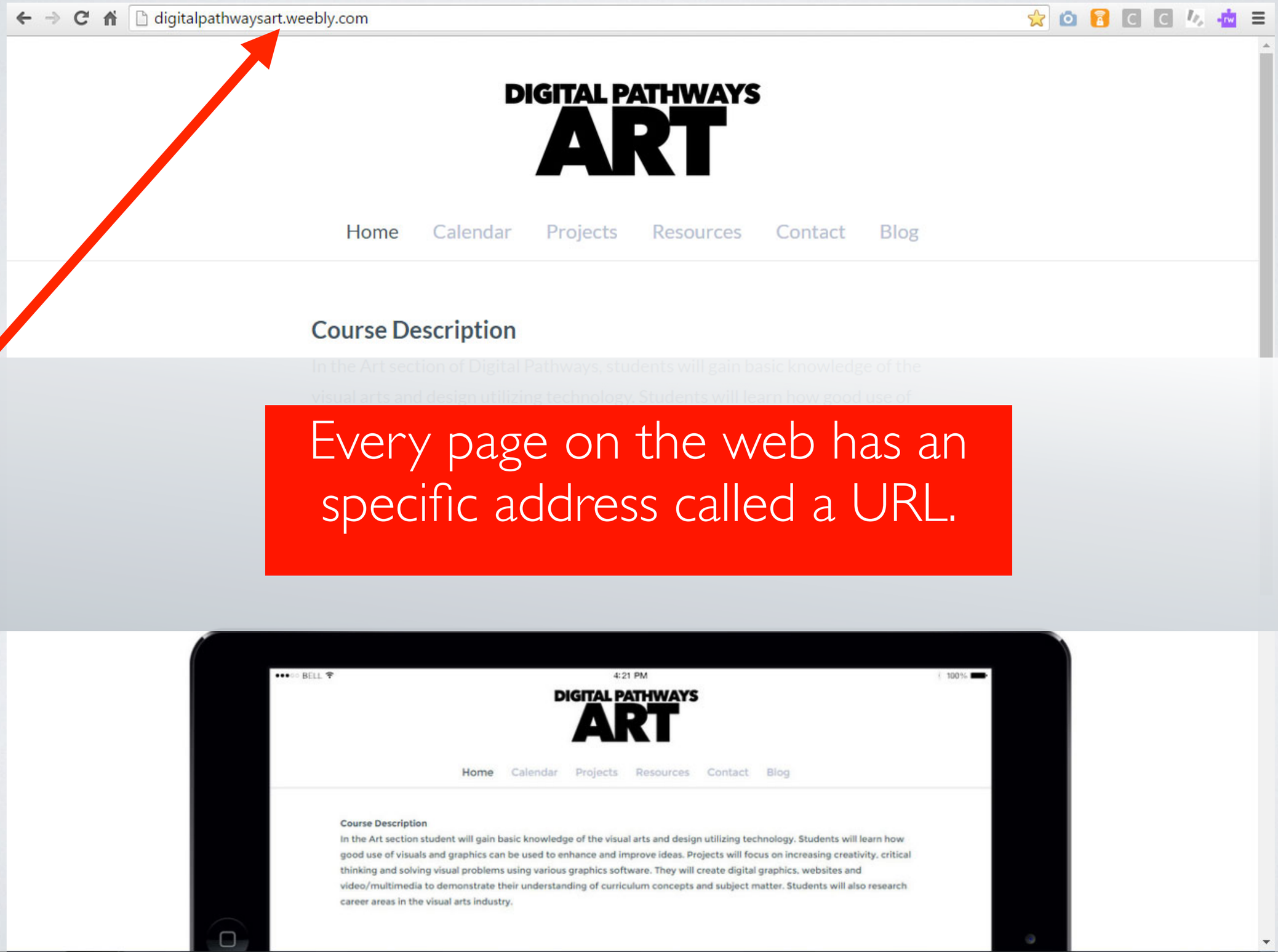
The web was developed in 1990 by Tim Berners-Lee.

The **web** is a system of Internet servers containing hypertext markup language (html) documents.



Tim Berners-Lee

# WEB ADDRESS




Every page on the web has an specific address called a URL.

# WHAT ARE WEB PAGES?

All web pages are made from computer code telling a web browser how to display the page.

What colors, pictures, fonts to display, and where they are placed on the page.

Google has indexed over **one trillion** live web pages to date.

7/25/2008 http://googleblog.blogspot.com/2008/07/we-knew-web-was-big.html

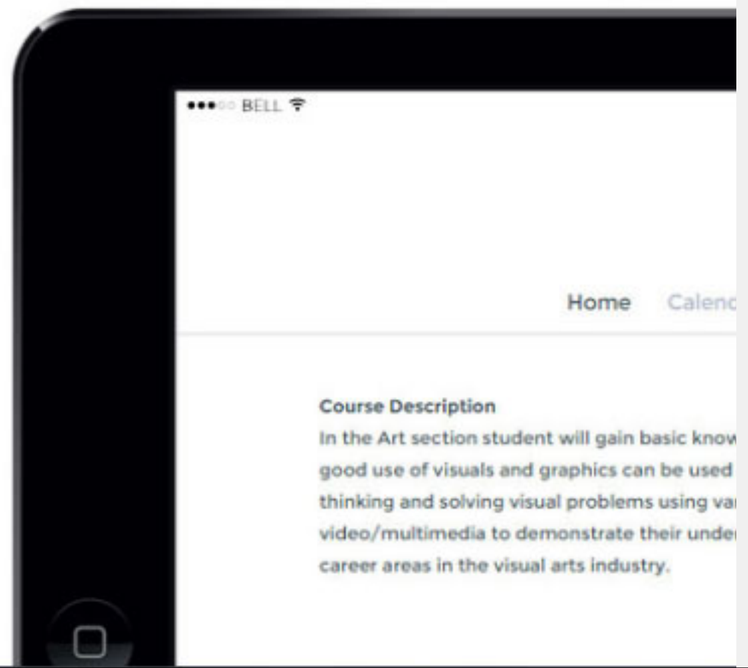
digitalpathwaysart.weebly.com

DIGITAL PATHWAYS ART

Home Calendar Projects Resources Contact Blog

## Course Description

In the Art section of Digital Pat
visual arts and design utilizing
visuals and graphics can be use
on increasing creativity, critica
graphics software. They will cr
posters, websites and multime
curriculum concepts and subje




view-source:digitalpathwaysart.weebly.com

```
<!DOCTYPE html>
<html>
        <head>
                <title>Digital Pathways Art - Home</title><meta property="og:site_name" content="Digital Pathways Art" />
<meta property="og:title" content="Digital Pathways Art" />
<meta property="og:description" content="Course Description In the Art section of Digital Pathways, students will gain basic
utilizing technology. Students will learn how good use of visuals and..." />
<meta property="og:image" content="http://digitalpathwaysart.weebly.com/uploads/9/8/2/3/9823286/6877806.jpg" />
<meta property="og:image" content="http://digitalpathwaysart.weebly.com/uploads/9/8/2/3/9823286/9104194.png" />
<meta property="og:url" content="http://digitalpathwaysart.weebly.com/" />



<meta http-equiv="Content-Type" content="text/html; charset=utf-8"/>
        <meta name="viewport" content="width=device-width, initial-scale=1.0;">


                <link id="wsite-base-style" rel="stylesheet" type="text/css" href="//cdn2.editmysite.com/css/sites.css?build
<link rel="stylesheet" type="text/css" href="//cdn1.editmysite.com/editor/libraries/fancybox/fancybox.css?1463678518" />
<link rel="stylesheet" type="text/css" href="//cdn2.editmysite.com/css/social-icons.css?buildtime=1463678518" media="screen,
<link rel="stylesheet" type="text/css" href="/files/main_style.css?1463682709" title="wsite-theme-css" />
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<link href='//fonts.googleapis.com/css?family=Montserrat+Alternates:400,700&subset=latin,latin-ext' rel='stylesheet' type='t

<link href='//fonts.googleapis.com/css?family=Lato:400,300,300italic,700,400italic,700italic&subset=latin,latin-ext' rel='st
<link href='//fonts.googleapis.com/css?family=Lato:400,300,300italic,700,400italic,700italic&subset=latin,latin-ext' rel='st
<link href='//fonts.googleapis.com/css?family=Lato:400,300,300italic,700,400italic,700italic&subset=latin,latin-ext' rel='st
<style type='text/css'>
.wsite-elements.wsite-not-footer div.paragraph, .wsite-elements.wsite-not-footer p, .wsite-elements.wsite-not-footer .produc
not-footer .product-description, .wsite-elements.wsite-not-footer .wsite-form-field label, .wsite-elements.wsite-not-footer
div.paragraph, #wsite-content p, #wsite-content .product-block .product-title, #wsite-content .product-description, #wsite-c
.wsite-form-field label, .blog-sidebar div.paragraph, .blog-sidebar p, .blog-sidebar .wsite-form-field label, .blog-sidebar
!important;font-size:18px !important;}
#wsite-content div.paragraph, #wsite-content p, #wsite-content .product-block .product-title, #wsite-content .product-descri
#wsite-content .wsite-form-field label, .blog-sidebar div.paragraph, .blog-sidebar p, .blog-sidebar .wsite-form-field label
.wsite-elements.wsite-footer div.paragraph, .wsite-elements.wsite-footer p, .wsite-elements.wsite-footer .product-block .pro
.product-description, .wsite-elements.wsite-footer .wsite-form-field label, .wsite-elements.wsite-footer .wsite-form-field
.wsite-elements.wsite-not-footer h2, .wsite-elements.wsite-not-footer .product-long .product-title, .wsite-elements.wsite-no
.wsite-elements.wsite-not-footer .product-small .product-title, #wsite-content h2, #wsite-content .product-long .product-tit
title, #wsite-content .product-small .product-title, .blog-sidebar h2 {}
#wsite-content h2, #wsite-content .product-long .product-title, #wsite-content .product-large .product-title, #wsite-content
h2 {}
.wsite-elements.wsite-footer h2, .wsite-elements.wsite-footer .product-long .product-title, .wsite-elements.wsite-footer .pr
elements.wsite-footer .product-small .product-title{}
#wsite-title {}
.wsite-not-footer h2.wsite-content-title a, .wsite-not-footer .paragraph a, .wsite-not-footer blockquote a, #blogTable .blog
#blogTable .blog-comments-bottom a, #wsite-com-store a, #wsite-com-product-gen a {color:#1565b5 !important;}
.wsite-menu-default a {font-family:"Lato" !important;font-size:20px !important;}
.wsite-menu a {font-family:"Lato" !important;}
.wsite-image div, .wsite-caption {}
.galleryCaptionInnerText {}
.fancybox-title {}
.wslide-caption-text {}
.wsite-phone {}
.wsite-headline {}
```

# WEB LANGUAGES

The basic computer language used on the web is called HTML.

Other computer languages used on the the web are; XHTML, DHTML, Javascript, & CSS.

All of these languages extend the basic functions of HTML.

# WEB BROWSERS

A Web Browser is a piece of software that lets us locate and display pages on the Web.

Without it you would only be able to see the computer code that makes up a page.

# WEB BROWSERS

Chrome, Explorer, Firefox, and Opera
are all popular web browsers.

# WEB LINKS

On the web you get around from page to page thru links.

These links also called hyperlinks can be made from text or pictures.

# ARTISTIC DESIGN AND THE WEB

To create a well designed site, web designers must understand...

- the visual elements and principles of art
- computer languages like HTML
- and how to use web and imaging software

# WEB DESIGN EXAMPLES

Poor Design

HEAVENS ABOVE

Efficient Power Plants

Siemens solutions help improve the energy efficiency of power plants!

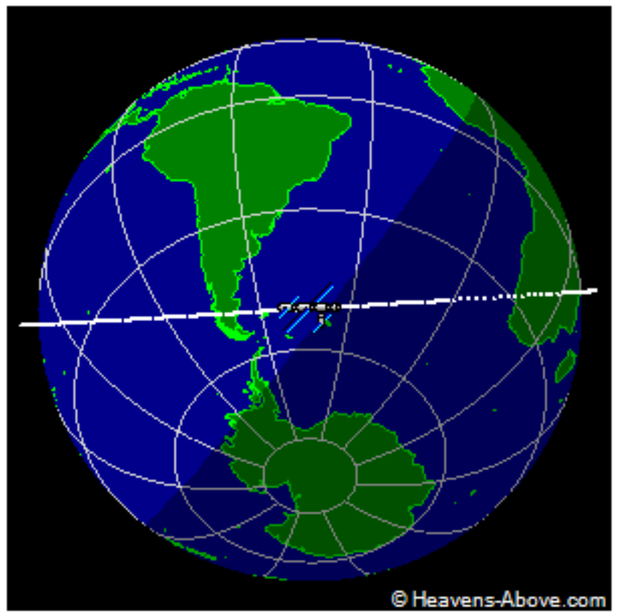
## Configuration
- Login (optional)
- Change your observing location

## Satellites
- ISS Interactive 3D Visualization
- 10-day predictions for satellites of special interest
  - ISS
  - OTV-4(has been recently recovered)
  - Tiangong 1
  - N. Korean satellite
  - Hubble Space Telescope
  - Envisat
- Satellite database
- Daily predictions for brighter satellites
- Iridium Flares
- Spacecraft escaping the Solar System
- Amateur Radio Satellites - All Passes
- Height of the ISS

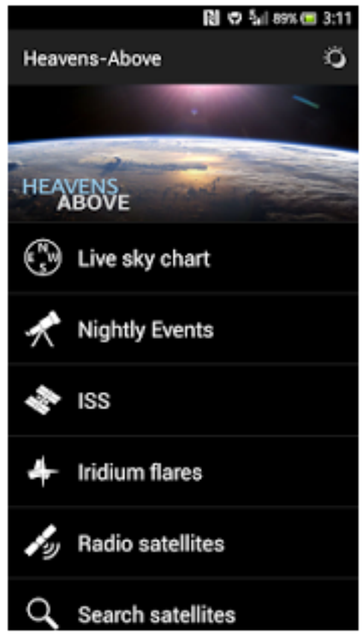
## Astronomy
- Interactive sky chart (now with PDF print option)
- Sky chart (old version)
- Sun
- Moon
- Planets
- Solar system chart
- Comets
- Asteroids
- Constellations

## Miscellaneous
- Download our Android App
- Forum (English only)
- What time is it?
- Calendar
- Frequently asked questions (FAQ)
- Links to other sites
- Privacy policy

## Statistics
- Daily page counts
- Visits by country
- Visits by operating system and browser type
- Visits by language
- Maps showing geographical distribution of visitors
  - World
  - Europe
  - United States
- Observations, sorted by observer




Current position of ISS

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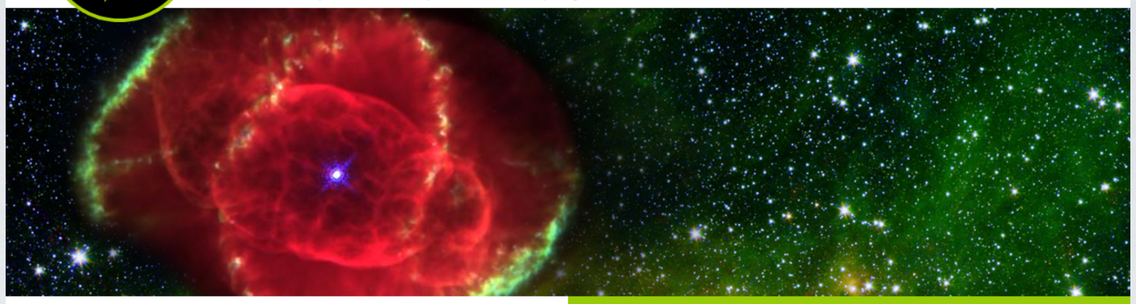
G+1 3.4k Flattr 62

# Good Design



amazing space

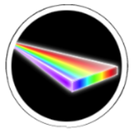
Space telescope education program



Home of the Hubble and James Webb Space Science Missions

## Resources by Topic

Solar system


Electromagnetic spectrum/Light & color

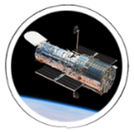
Gravity

Galaxies

Stars and stellar evolution

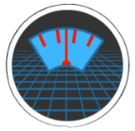
Comets and asteroids

Black holes


Space telescopes

Math: Statistics

Math: Estimating and sampling


Measurement

History of science

Extrasolar planets

RESOURCES BY TYPE

### Online Explorations

Find all our classic activities...

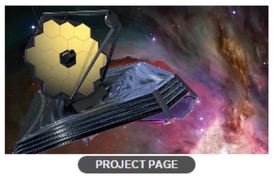
### The Star Witness

Timely scoops from the Hubble and James Webb space telescopes. Find all Star Witness news stories here ...

ALL STORIES

### JWST Film Project

"Into the Unknown: The James Webb Space Telescope"



PROJECT PAGE

### Educators

- Get an overview of the redesigned Amazing Space
- Learn how to find all your favorite Amazing Space teaching tools

GET THE SCOOP

Poor Design

# Chicago Bears Fan Page

Da Bears Rule

MENU

Home
Bear News
Schedule
Editors Note
Guestbook
Standings

**WELCOME TO THE CHICAGO BEAR FAN WEBSITE.**

Welcome Fellow Bear Fans to a new creative website for all ages. This website will be updated periodically with Chicgo Bears news and information. I hope that this will be a fun informative site for all the Bear fans around spread the word and make the whole Bear Nation apart of this growing success. Please visit all the time. Enjoy.....

Weekly Bear Opinion:

Go For a strong Offensive force in the draft.

**Latest Bears News:**

Former Bear Rivera hired as Defensive Coordinator....

Dave Taub hired as Special teams coach.....

Terry Shea Offensive Coordinator.....

.

Score: Off Season BUMMER!!!!

006959

| Copyright 2003 Chicago Bear Fan |

Create a Free Website

BOOKMARK

# Good Design

NFL INTERNET NETWORK ▸

THE OFFICIAL WEBSITE OF THE CHICAGO BEARS

NEWS | TEAM | MULTIMEDIA | WATCH GAMES | GAMEDAY | TICKETS & STADIUM | TRADITION | EVENTS | COMMUNITY | FAN ZONE | STORE

POPULAR: DOWELL LOGGAINS | JONATHAN BULLARD | JORDAN HOWARD | SCHEDULE | WATCH GAMES ONLINE | SEARCH CHICAGOBEARS.COM

PNC 5K FINISH ON THE FIELD REGISTER NOW

## LATEST CONTENT

- Whitehair focused on honing technique
- Bears single-game tickets on sale 5/25
- Practice Snaps: 05.18.16
- How will White, Langford perform?
- Fox lauds Loggains' work with Cutler
- Bears 2016 Rookie Minicamp Highlights
- Former Bears injured in car accident
- Physical RB Howard perfect for Bears

RSS | MORE NEWS »

9/11 | 9/19 | 9/25 | 10/2 | 10/9 | 10/16 | 10/20 | 10/31 | 11/13 | 11/20 | 11/27 | 12/4 | 12/11 | 12/18 | 12/24 | 1/1

## LATEST PHOTOS

Practice Snaps: 05.18.16

Rookie Minicamp: Recap

Rookie Minicamp: Day 3

Rookie Minicamp: Day 2

RSS | MORE PHOTOS »

BUY TICKETS | STH CENTRAL | DOWNLOAD APP | PNC 5K

## LATEST VIDEOS

Bears 2016 Rookie Minicamp Highlights

ITB: Langford ready to run

NFLN: White to have big impact in 2016?

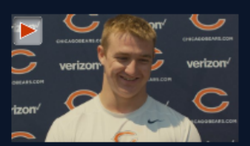
Update: Bears add four tryout players

ITB: Miller, Amos honored

Final rookie minicamp practice

Floyd on playing faster, gaining weight

Fox on evaluating rookies



Braunecker: Working to earn roster spot

RSS | MORE VIDEOS »

## Tweets by @ChicagoBears

Chicago Bears Retweeted

**Kyle Long** @Ky1eLong

Great week of work at Halas Hall with my guys!! Sun is shining in Chicago. Blessings on blessings on blessings

19m

**Chicago Bears** @ChicagoBears

#Bears Whitehair focused on technique, training hands and feet.