

8th Grade











JESSICA ALLEN
DIANE BARRY
JESSE BELANGER
NIKLAS BERCE
SHANNON BERUBE











JENNY CHAMBERLAIN ANGIE CHAMBERLAND CINDY CHAMBERLAND JOSEE CHAMBERLAND PARIS COPP











FREDERICK DEPREY ADAM DUBE NICHOLAS DUBOIS SARA DUBOIS RYAN DYMENT











CHERIE GENDREAU EDNA GUERRETTE REBEKAH HARRIS CURTIS HEBERT STACY LAVOIE











DEREK MICHAUD SONYA MICHAUD DANIELLE OUELLETTE LANA PARADIS JACOB PELLETIER











JEFFREY PELLETIER
RYAN SINCLAIR
KATHY SIROIS
BOBBY TARDIF
BRAD THIBEAULT







CALLIE WALKER

7th Grade











HEATHER ANDERSON JASON BOUCHARD Brad Bouchard KRYSTLE BOURGOIN MICHELLE BOURGOIN























HEATHER COLLINS KENNY CORRIVEAU BRANDON CYR DEAN CYR TIMOTHY DAIGLE











SEAN DELANEY STEPHANIE DESCHANIE ROBYN DYMENT Danielle Guerrett TRACY HEBERT











JUSTIN JALBERT HALEY LABBE KYLE LABBE SARAH LAVOIE KARA LEVESQUE











CHRISTA LIZOTTE **DUSTIN LUGDON** DEREK MULLER Anna Ouellette NATASHA OUELLETTE











JEFFREY PARADIS DANIELLE ROSSIGNOL ANOTHONY SANANTONIO JOHN TOUSSAINT

Middle School Soccer



Front left-right: Robin Ouellette, Ashley Collins, Christen Marqui, Shannon Beurbe, Danielle Dubois, Jenny Chamberlain, Jenna Collins. Center left-right: Heather Anderson, Tracy Hebert, Cindy Chamberland, Sonya Michaud, Robin Dyment, Top row left-right: Manager- Ryan Dyment, Kathy Sirois, Rebekah Harris, Dianne Berry, Josee Chamberland, Stephanie Dechaine, Michelle Bourgoin, and Coach-Brenda Hebert.







Frontleft-right: Wesley Chasse, Curtis Hebert, Tim Daigle, Jason Boucher Center left-right: Adam Dube, Dustin Lugdon, Nick Berce, Brian Ayotte, Ryan Sinclair Top row left-right: Kenny Corriveau, Jesse Belanger, Brad Thibeault, Justin Jalbert, Anthony San Antonio





Middle School Basketball













L toR; Back Row: Coach: Lugdon; Manager: Angie Chamberland; Anthony SanAntonio, Nicholas Dubois, Kyle Labbe, Jacob Pelletier, Bobby Tardif, Kenny Corriveau, John Toussaint, Manager: Jessica Allen; Middle Row: Justin Jalbert, Jeffrey Paradis, Jeffrey Pelletier, Niklas Berce, Brad Thibeault, Brad Boucher, Ryan Sinclair, Timothy Daigle, Front Row: Michael Chamberland, Derek Mueller, Dustin Lugdon, Wesley Chasse, Curtis Hebert.



L to R; Back Row: Manager: Danielle Ouellette; Haley Labbe, Josee Chaberland, Jenna Collin, Sonya Michaud, Danielle Rossignol, Stephanie Deschaine, Danielle Guerrette, Heather Collins; Coach: Brenda Hebert; Middle Row: Rebekah Harris, Kathy Sirois, Shannon Berube, Cindy Chamberland, Ryan Dyment, Michelle Bourgoin, Heather Anderson, Lana Paradis; Front Row: Ashley Collin, Sarah Lavoie, Christa Lizotte, Kara Levesque, Robyn Dyment, Tracy Hebert.

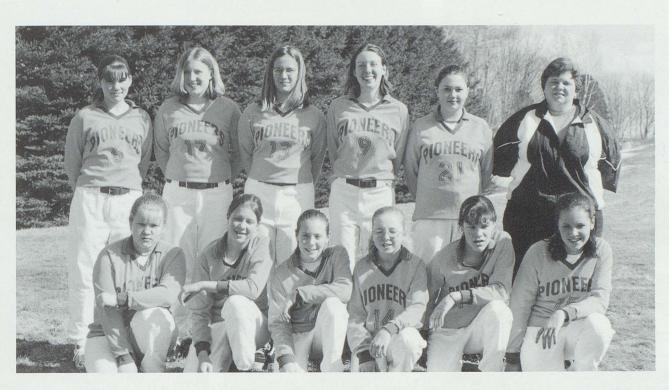








Middle School Softball and Baseball



Front row, from left Sonya Michaud, Michelle Bourgoin, Christa Lizotte, Heather Anderson, Kara Levesque, Stephanie Deschaine. Back row: Lana Paradis, Robyn Dyment, Josee Chamberland, Ryan Dyment, Cindy Chamberland, Coach Brenda Hebert



Front row from left Jason Bouchard, Dean Cyr, Wesley Chasse, Curtis Hebert, Kyle Labbe, Dustin Lugdon, Derek Mueller. Back row Kenny Corriveau, Brandon Cyr, Brad Thibeault, Justin Jalbert, Jeffrey Paradis, Timothy Daigle, Bobby Tardif, Niklas Berce, Coach Scottie Richardson

Middle School Activities

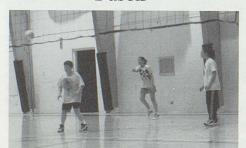


Volleyball Front Row (Left to Right): Michelle Bourgoin, Stephanie Deschaine, Cindy Chamberland, Back Row(Left to Right): Paris Copp, John Toussaint, Brad Boucher, Jenny Chamberlain, Kathy Sirois, Timothy Daigle





Left to Right: Rebekah Harris, Sarah Lavoie, Halley Labbe, Tracy Hebert, Ryan Dyment, Lana Paradis, Dustin Lugdon, Nicholas Dubois





Student Council Front Row (Left to Right): Nicklas Berce, Curtis Hebert, Jenna Collin, Haley Labbe. Back Row (Left to Right): Jacob Pelletier, Robyn Dyment, Michelle Bourgoin, Cherie Gendreau, Ryan Dyment, Lana Paradis, Kathy Sirois, Jesse Belanger, Jeffrey Pelletier









Middle School Graduation























Camp Kieve







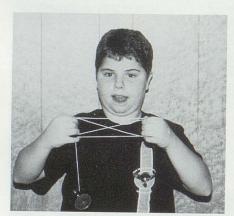




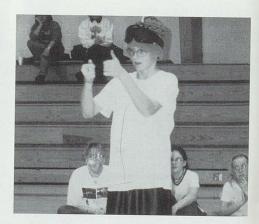




Winter Carnival





































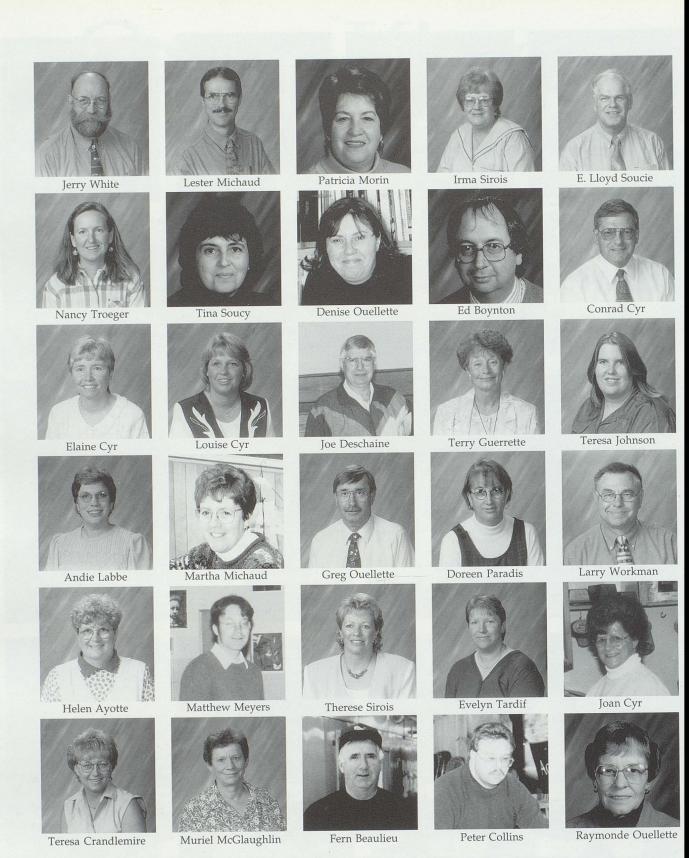




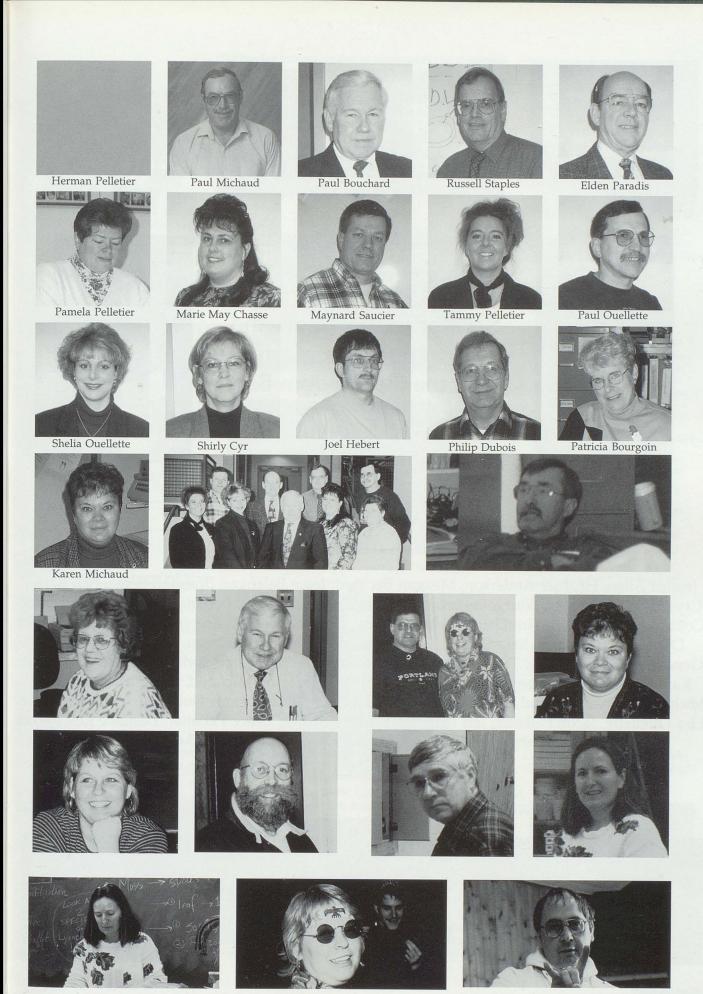








Faculty



The Wisdom Pioneeer Band



`98`99

Senator Judy Paradis and Legislator John Martin welcome the Wisdom Band



Members of the Wisdom Pioneer Band

Jessica Allen, Heather Anderson, Meagan Bechard, Jesse Belanger, Brandon Berce, Nik Berce, Crystal Berube, Tasha Bourgoin, Josse Chamberland, Mike Chamberland, Cheri Collin, Ashley Collins, Jenna Collins, Tim Daigle, Sean Delaney, Danielle Deprey, Stephanie Deschaine, Adam Dube, Kristy Dubois, Sara Dubois, Robyn Dement, Cherlie Gendreau, Chris Gendron, Joy Gervais, Edna Guerrette, Tracy Hebert, Haley Labbe, Jeremy Labbe, Kyle Labbe, Stacie Lavoie, Kara Levasque, Courteny Lugdon, Dustin Lugdon, Brandon Michaud, Craig Michaud, Pam Michaud, Sonya Michaud, Anna Ouellette, Danielle Oullette, Dennis Ouellette, Jenny Ouellette, Lisa Ouellette, Jacob Pelletier, Jeff Pelletier, Karen Pelletier, Lance Pelletier, Danielle Rossingnol, Kathy Sirois, Ray Soucy, Bobby Tardif, Callie Walker

Drill Team Members get the Chelsea crowd going to The Marcarana



Students at Chelsea Elementary School enjoying the concert





Band members Nik Berce, Peter Dinsmore, and Jeff Pelletier make the ferry crossing from Rockland to North Haven



Guest conductor Josh Allen of Chelsea leads the band

Letter from Francis Boynton, Principal of North Haven School

Ebeliaa School

Fraccus N. Boyster, Principal

Hottels Reb, Aventua Principal

Hottels Reb, Aventua Principal

Robert 1840

Circles, John 194330

Phone 582-2214 Yex 582-3652

April 15, 1999

Dear Lester Michaud,

We appreciated the visit by the Wisdom High School Band. The students, parents, and staff represented the school in an excellent fashion. The group was extremely well behaved and supervised.

Your students and our students shared a very special relationship. The two groups of students speat from 7:45 to noon sharing experiences that will be memories furever.

The band performed well. I was impressed with the quality of the performance and the level of confidence they demonstrated.

The students and staff base been sharing positive experiences all week. The building is still excited about the event that took place days not.

Thank you for your effort and the opportunity to share in this experience.

Sincerely, Francis N. Bayaton Principal

CC: Jerry White, Superintendent MSAD #33

Chris Gendron and Mr. Boynton discussing cromatic scales at 5 a.m. in the North Haven gym



The Band in last minute preparations to play for the House





Wisdom Highschool Band and Drill Team



The band in performance at Chelsea



Cherie Gendreau, Kathy Sirois, Jessica Allen, Angie Chamberland, and Karen Pelletier in various stages of consciousness at N. Haven



The Chelsea audience following the Wisdom Drill Team forming a conga line



Drill Team climaxes its routine in North Haven. Members Heather Anderson, Anna Ouellette, Ashley Collin, Robyn Dyment

Alear Ed,
Thank you again for including North Haven in your "Maine Tour."
My students and I gained so much from your insit and hope you enjoyed coming to the island as much as we enjoyed having you. It was very exacting for us to much other musecians and participate in should conver steep.

Please lit's keep communicating in the feature and try to again, in the feature and try to again, another try. We would be very happy to have you return. hastly, your obtudents behavior and preferonalism were very imprisive. I hope your School Board realings what a special group of kids they have as well as what a wonduful jot you have done. It was a very well thought out program + presentation.

activities you've planned for the year, and thank you again for such a wonderful experience

Sincerely Kyrio Young

After the concert, MC Danielle Deprey and band members mingle with Chelsea students



Sophmore Biology Trip to Montreal!!



The Skyscrappers in Montreal.



Becky, Shanna, Kelly, and Meagan in the picture booth at the biodomes in Montreal.



All the Sophomore guys that went on the Trip to Montreal.

All the Biology students having super at the Resturant of the Govener.



This is a picture of all the girls that went to Montreal.



To the right was a fountain in the old city of Mountreal. It was a part of our rally in the old city of Montreal.



This is a picture of the Olympic Stadium and the students that went on the trip.We took the elevator to go up to the top. We saw the whole city of Montreal. It was incredible!



This is a picture of the whole biology class that went to Montreal.



This picture is of the students on our way back from the trip. We had an awsome time that will stay with us forever!!



MEMORIES



































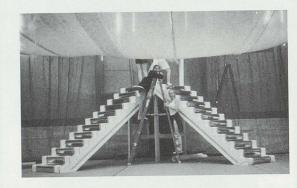




























Bob's Service Center 699 Main Street Madawaska Me, 04756 (207) 728-3839













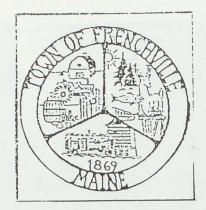












283 US RTE 1 - PO BOX 97 FRENCHVILLE, ME 04745 207-543-7301

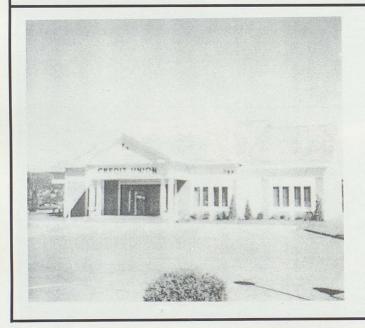


Congratulations Graduates!

S. PARADIS & SON GARAGE
Engine Machine Shop
Auto Parts & Supplies
24 Hr. Wrecker Service
Diesel & Gas Engine Rebuild
Transmission Repair

Bert Paradis, Owner

PO BOX 7 Frenchville, ME 04745 543-7722/543-7828/1-800-696-7721



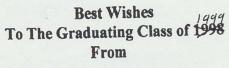
LA VALLEE FEDERAL CREDIT UNION

794 MAIN STREET Madawaska, Maine 04756

> Tel. 728-4121 Fax: 728-7029



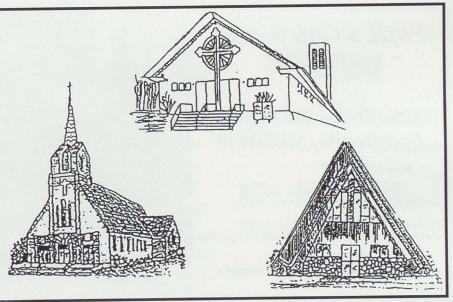
Congradulations Class Of 1999
Norhtern Maine Medical Center,
Serving the health care needs of the St. John valley since 1952



The Parishes of ST. AGATHA and ST. JOSEPH and ST. MICHAEL'S CHAPEL

Rev. Michael P. Gendreau, pastor

Telephone: 543-7447 or 543-6119



Music Haven, Inc. Radio Shack

Associate Store

489 Main Street Madawaska, ME 04756 207-728-7181

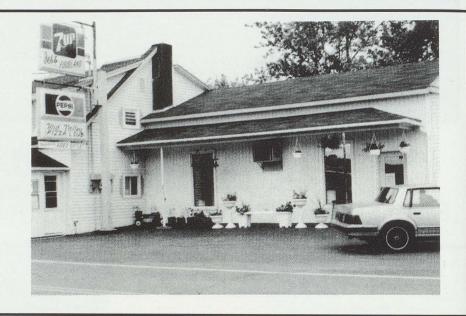


P.O. BOX 507 MADAWASKA, MAINE 04756 1-207-728-4750 1-800-696-4750

Congratulations Class of 1999 From:

JESSIE'S FOODLAND

P.O. Box 225 Frenchville, ME. 04745



PAUL'S GAS & CAR WASH, INC.

U.S. Rte 1 - PO Box 490 Frenchville, ME 04745

543-6140/543-6332

Grocery Store | Snack Bar | Propane

Paul and Lisa Bernier, Owners





WISDOM MIDDLE/HIGH SCHOOL

P.O. Box St. Agatha, ME

Tel. 543-7717 Principal: Lester Michaud

... where we can teach & learn in a safe, respectful & cooperative environment.



Phone: (207) 834-3103 Fax: (207) 834-2010

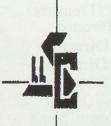
Quigley True Value EVERYTHING FOR YOUR BUILDING

Norman Ouellette

20 W. Main Street Fort Kent, Me. 04743



Congratulations Crystal by the new owners of Babin's Gary and Sandra Babin



Long Lake Sporting Club Restaurant

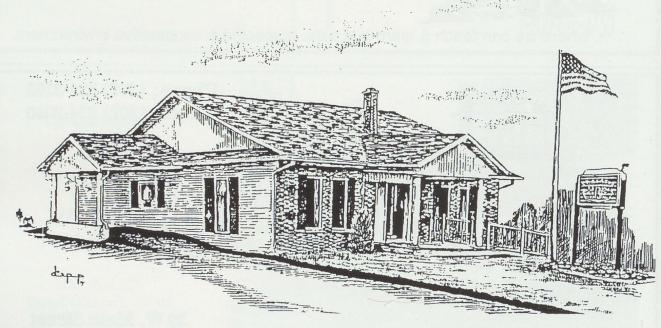
Specialties: Steaks, BBQ Ribs, Seafoods & 3-1/2 lb. Hard Shell Lobsters

(207) 543-7584 Box 206F Sinclair, Maine 04779 Open Year Round July & Aug. 7 days/week
Lounge - Dining Room - Full Service Marina

Your Hosts: Ken & Debbie Martin

ST. AGATHA CREDIT UNION

P.O. Box 136 St. Agatha, Me. 04772 543-7383



Board of Directors

Robert F. Chamberland, President Paul (Babe) Michaud, Vice-President Arlene Lerman, Sec/Treasurer Constance Derosier, Director Lucille, Rossignol, Director Earl McGlaughlin, Director Luke Derosier, Jr., Director

Credit Committee

Roberta Labrie, Chairperson Louise Cyr, Member Mike Daigle, Member Charlene Sirois, Member

Supervisory Committee

Lucille Rossignol, Chairperson Ronald Chamberland, Member Rene Lizotte, Member Ronald Ouellette, Member Phil Michaud, Member

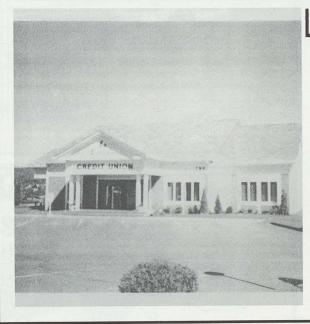
Staff

Mary Ann Chamberlain, Manager Phil Chamberland, Bookkeeper Charlene Sirois, Loan Officer Patty Michaud, Loan Officer Lise Sirois, Teller Tammy Lou Bouley, Teller Pat Roy, Teller Shirley Chasse, Teller





283 US RTE 1 - PO BOX 97 FRENCHVILLE, ME 04745 207-543-7301



LA VALLEE FEDERAL CREDIT UNION

CONGRATULATIONS GRADUATES!

794 MAIN STREET Madawaska, Maine 04756

> Tel. 728-4121 Fax: 728-7029

Congratulations
Graduates!
From



S. PARADIS & SON GARAGE Engine Machine Shop Auto Parts & Supplies

24 Hr. Wrecker Service Diesel & Gas Engine Rebuild Transmission Repair





P.O. Box 7
Frenchville, ME 04745

207-543-7722 or 543-7828 1-800-696-7721



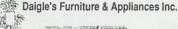
Optometrist Timithy D. Rioux, O.D. **Doctors of Optometry**

Providing complete and primary eyecare in addition to custom contact lenses and high quality eyewear. 23 West Main Street, Fort Kent Tel. 834-3333





Delivery Hours Sunday thru Saturday 10:30 - 1:00 3:30 - 6:30





Daigle

Minelli Leader Rikes

Sport Center

Main Street Madawaska, Maine 04756 728-3881/3882

Nothing Beats the Way We're Built.

POLARIS'

St. John Valley Realty Co.

REAL ESTATE • MANAGEMENT • RENTS

P.O. BOX 466 7 EAST MAIN STREET FORT KENT, MAINE 04743

LOUIS P. ALBERT REALTOR

PHONE (207) 834-6725



(207) 543-7584

Long Lake Sporting Club Restaurant

cialties: Steaks, BBQ Ribs, Seafoods & 3-1/2 lb. Hard Shell Lobsters

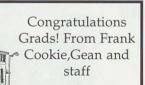
Open Year Round July & Aug. 7 days/week Lounge - Dining Room - Full Service Marina

Ken & Debbie Martin

Sinclair, Maine

Specialists in Bridal, Prom and Pagean Tuxedo Rentals Dyeable Special Occasion Shoes Linda Beaulieu, owner 207-728-6449





P. O. Box 230 Fort Kent, ME Tel. 834-3020

814 W. Main St. Madawaska, ME Tel. 728-6316

P. O. Box 230 Caribou, ME Tel. 498-2043

395 N. Main St. Brewer, ME Tel. 989-2666





Tel: 728-4348 Fax: 728-4139

Andrew Daigle Ins. Agency

400 Main Street Madawaska, Maine 04756

The Only Number You Need!! For All Your Insurance Needs

Agent - Andrew Daigle



Mark J. Roy, Prop.

Gas & Oil - Tires - Batteries - General Repairs 44 EAST MAIN ST.

FORT KENT, MAINE 04743 As Near As Your Phone

MARTIN'S SERVICE & **AUTO PARTS**

Frank P. Martin

Frenchville, Maine 04745 AAA Service - Inspection - Tel.: 543-7414



Electronic Front End Alignment



ACADIA MOTORS INC.

JASON PELLETIER

General Manager

774 Main Street Madawaska, ME 04756

Bus. (207) 728-7541



L. E. Rossignol, Inc.

"COMPLETE INSURANCE SERVICE"

412 Main Street Modawaska, ME 04756 Fort Kent, ME 04743 728-4222

87 W. Main Street 834-5300

R.F. Chamberland, Inc.

149 Main Street P.O. Box 188 St. Agatha, ME 04772-0188



Ph. 207-543-6607

Fax 207-543-9328

A full service travel agency

Cyr Can Am Travel

517 Main St. Madawaska, ME 04756

> Doug Cyr Owner

> > Tel. 728-6387

Thibodeau's **Insurance Agency**

5 East Main Street Fort Kent, ME 04743 Tune-ups * Exhaust Systems * Oil Change Shocks * Oil Treatment * Wash & Waxing

Mechanical & A/C Work

AAA Customers welcome

Gerard and Sons Auto & Truck Repair 543-6643

Gerard & Gary Chasse

Brook Road St. Agatha, ME 04772

Proprietor

Wisdom Pioneer Yearbook • 79

World Beat

Faces

National

World

hua, Zhang Yonghong

Lifestyle

Dorothy Low/Shooting Star

AP Photo/IIHS

Music

Entertainment

Science

0

Sports

AP Photo/John Gaps III

Worldlews

→ French high school students demand more teachers, better equipment and buildings and a lighter course load in an October protest in Paris. The French government designates \$40 million annually over the next four years, as well as 1,000 new teaching posts. A total collapse of the Russian ruble sends world markets into chaos. Boris Yeltsin asks Viktor Chernomyrdin to head the government to help restore political and economic stability.



A discotheque fire in Goteborg, Sweden, kills 67 teens and injures several more, making it the deadliest fire in modern Swedish history.

Arson is the suspected cause of the October fire



In a dangerous escalation of hostile feelings in the area, India begins

nuclear bomb testing in response to Pakistan's testing of the Ghauri missile.

After a U.N. drug summit in which 150 countries endorse an anti-drug campaign, the U.S. vows to spend an estimated \$1 billion over the next five years on anti-drug advertising, corporate and civic partnerships and promotion.



On September 2, Swissair Flight 111 crashes in the sea in Peggy's Cove, Nova Scotia, Canada, killing all 229 passengers and crew aboard. A cockpit wiring fire is the suspected cause of the disaster.





AP Photo/Paul Chiasson



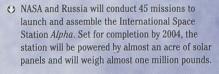
☼ In retaliation for the African embassy bombings, the U.S. attacks a suspected chemical weapons factory in the capital of Sudan and a terrorist training camp in Afghanistan, and launched a worldwide search for suspected mastermind Osama bin Laden. On August 7, powerful bombs explode outside the U.S. embassies in Kenya and Tanzania killing 248 people, including 12 Americans, and injuring more than 5,000.



AP Photo/John McConnic



C The remains of Czar Nicholas II and his family, killed in 1918 in Central Russia and buried in a mass grave, are exhumed and laid to rest in St. Petersburg.





President Clinton becomes the first U.S. leader to visit China since the Tiananmen Square massacre in 1989. Many criticize Clinton for his apparent leniency toward China's human rights restrictions.



Hurricane Mitch ravages parts of Central America and kills more than 10,000 people, making it the second deadliest storm in the region's history.

Nor



C The worst summer flooding in China since 1954 kills 3,000 people, destroys 17 million homes and affects one-fifth of the country's population.

◆ After months of negotiations, Swiss banks and Jewish groups reach a \$1.25 billion settlement in a lawsuit filed by thousands of Holocaust survivors to recover lost savings.



AP PhotoEuropean Union

On January 1, 1999, the euro debuts as the new currency in 11 European Common Market countries. It will be three more years before euro coins and cash are officially put into circulation.

Flash

John Hume and David Trimble, Northern Ireland's two main political party leaders, win the Nobel Peace Prize for their efforts to end the violence that has plagued the British province for three decades.

After a stop in Mexico City in January 1999, Pope John Paul II arrives in St. Louis, Missouri, and celebrates Mass with over 100,000 people in attendance.

In January 1999, an earthquake that measures 6.0 on the Richter scale hits Colombia killing over 1,000 people.

King Hussein of Jordan, 63, dies on February 7, 1999, of lymphatic cancer. Hussein's 47-year reign made him the Middle East's longest-serving leader.

Nationallews

President Clinton becomes the second president in history to be impeached. The House of Representatives charges him with two counts of obstruction of justice and perjury. The Senate acquits Clinton after a five-week trial. Convicted killer Martin Gurule escapes death row and is later found drowned in a nearby river. Gurule is the first Texas inmate to escape death row since 1934.

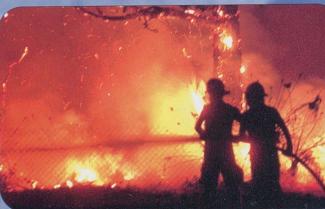


The U.S. Treasury unveils a new \$20 bill designed to be much harder to counterfeit and more capable of withstanding heavy abuse.



President Clinton declares the entire state of Florida a disaster area after fires burn over 300,000 acres and damage or destroy 150,000 homes.





Sixteen of the 24 glass beads that historians believe were used to buy Manhattan Island from Native Indians in 1626 are donated to the Indian Museum of North America located at the Crazy Horse Memorial.



AP Photo/Crazy Horse Memorial, Robb DeWald, File



♠ A massive Millennium Clock in New York City's garment district counts down the days, hours, minutes and seconds to the year 2000.

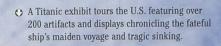


In June, African-American James Byrd Jr., 49, is chained to the back of a truck and dragged to his death in Jasper, Texas, by three men, two of whom have ties to white supremacists. Mentally unstable Russell Eugene Weston Jr. charges into the U.S. Capitol building on July 24 and fatally shoots Special Agent John Gibson and Officer Jacob Chestnut.



AP Photo/Gary Cameron, Pool





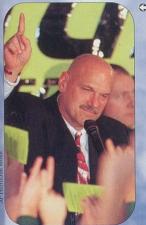


Reuters/Jim Bourg/Archive Photos

C In response to family pressure, DNA testing confirms that remains buried in the Tomb of the Unknowns are those of Michael J. Blassie, an Air Force pilot shot down in Vietnam.



In summer 1998, North Texas temperatures exceed 100 degrees for 45 days. The state's heat death toll climbs to 132 and fires burn over 344,000 acres.

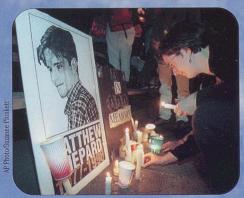


C Reform Party candidate Jesse Ventura shocks the nation when he wins the race for governor of Minnesota in November. Ventura is a former Navy Seal, pro wrestler and action movie actor.

O In September, Hurricane Georges crashes through the Florida Keys and Mississippi. The killer storm causes the largest mandatory evacuation in Florida history, and Mississippi victims receive over \$131 million in aid.



Matthew Shepard, a 21-year-old gay student at the University of Wyoming, dies five days after being brutally attacked in an apparent hate crime. Vigils in his memory are held across the country.



and United Auto Workers reach an agreement that ends an eight-week strike.

In August, General Motors Corporation

President Clinton announces the federal government ends the 1998 fiscal year with a budget surplus of \$70 billion, the first surplus since 1969.

More than 280 colleges now admit some or all of their applicants without regard to SAT or ACT scores. Many schools say the system improves the academic quality and diversity of their student bodies.

DNA tests determine that Rebecca Chittum was unknowingly switched with Callie Conley at a Virginia hospital after their births three years ago. This case prompts a national debate on the need for stricter hospital procedures.



Scienchews

An analysis of Eastern Seaboard weather shows it really does rain more frequently on weekends than during the week, an average of 22 percent more. Automobile emission patterns are the suspected cause of

the phenomenon.

NASA's Lunar Prospector finds scattered pockets of ice beneath the lunar surface. The presence of water could enable astronauts to use the moon as a kind of space-based filling station.



Apple's translucent aqua-blue iMac personal computer, its first consumer offering in years, is marketed mainly for Internet usage and, therefore, doesn't come with a disk drive. Its popularity soars and it soon becomes available in several other colors.



◆ Columbia University graduate student Elizabeth Brannon and psychology professor Herbert Terrace demonstrate that monkeys can master simple arithmetic on at least the level of a two-year-old child.

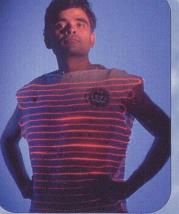


The comet Tempel-Tuttle causes a meteor storm when it passes by Earth. The comet will be visible again in fall 1999, after which it won't reappear for another 32 years.

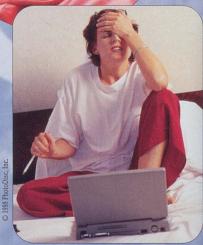


A computerized T-shirt, woven with fiber optics and electrically conducted thread, may soon monitor the health of soldiers, rescuers, the elderly and others who are medically vulnerable.



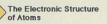


Michael A. Schwarz



A study demonstrates that the more hours people spend on the Internet, the more depressed, stressed and lonely they feel. The USDA announces that a 25-millisecond blast of 270-degree steam applied to meat kills 99.99 percent of the bacteria. This process follows the unpopular method of irradiation.





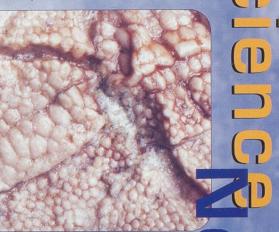
- The Nature Of Light And
- The Bohr Model Of The
- The Wave Model Of The

0-0

C Chemistry professor Claude Yoder co-authors "Interactive Chemistry," a CD-ROM that uses animation to lead students through chemistry problems, eliminating the need

for a textbook.

Paleontologists in Argentina discover thousands of shards of fossilized dinosaur eggs. Several shards contain the fossilized remains of unhatched embryos and their never-before-seen embryo skin.



AP Photo/American Museum of Natural History, L. Meeke

Photo courtesy of the authors (C. Yoder, O. Retterer, M. Thomsen and K. Hess)



C The FDA withholds depression. However, its use in everything from lipstick to potato chips.

C Researchers discover a gene that may cause the aggressive behavior of "killer bees." This knowledge may help tame African bees, whose sting has deterred beekeepers from tending hives.



Alan Shepard, the first American in space, dies on July 22 at the age of 74.

Duffin McGee/Reuters

NATURALIFE.

St. John's Wort

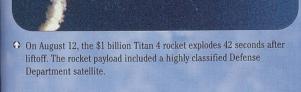
Researchers reveal a new technique that determines the sex of a baby before conception. This technique uses a laser detector that measures the DNA in sperm cells.

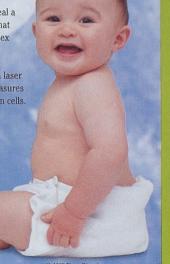
Astronomers discover and photograph a planet outside our solar system that is about 450 light years away from Earth.

Alabama hairdresser Philip McCory discovers that human hair soaks up oil from water, which prompts NASA to investigate ways to use human hair to clean oil spills.

In August, renowned Houston heart surgeon Dr. Denton Cooley performs open-heart surgery which is broadcast live on the America's Health Network Internet web site.

David Scott, who lost his left hand in a fireworks accident, receives the first U.S. human hand transplant in January 1999. Scott has regained limited motion in his donor hand.





Lifestyle



Lovegety, a palm-sized matchmaking device, is the latest craze with Japanese teenagers. When it comes within 15 feet of another Lovegety, high-pitched beepers go off, lights flash, and the "love detectors" display whether the users' preset interests match. It's now available in the U.S.

A USA Today investigation reveals that many of the nation's safe drinking water regulations are not being enforced. The report reveals that even the worst violations have just a 1 in 10 chance of drawing legal action.



↑ PlayStation's® "Crash Bandicoot: WARPED" supersedes its popular predecessors. Also new is Crash's sister Coco who gallops along the Great Wall of China and cruises through enemy-infested waters.

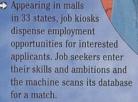


non-prescription and don't interfere with eyesight.

black eight ball and cat's eyes. The \$165 lenses come in prescription and

C Furby, the year's must-have interactive toy, has a vocabulary of 200 words in both English and its own language, "Furbish." Furby knows when it is being petted, when the lights go out, when music starts, and if there's another Furby in the room.









Consumer groups demand the recall of Olestra from the market, or at least the adoption of strict guidelines as to its use, after thousands of people become sick from eating the popular fat substitute. However, studies suggest that chips made with Olestra do not cause greater

O In December, Selective Service activates online registration. Eighteen-year-olds can now register instantly instead of filling out forms at the post office that take two to three months to process.



Entertainments



NBC's "Frasier" makes history by winning its fifth consecutive outstanding comedy series award at the 50th annual Emmy Awards. Kelsey Grammer, in the

title role, wins his third Emmy

as best comedy actor.

C Heartthrob George Clooney announces 1998-99 will be his last season on NBC's award-winning television drama, "ER."



↑ In November, ABC's "Spin City" star Michael Fox, 37, reveals he has Parkinson's disease. Fox underwent brain surgery in March 1998 in an attempt to relieve severe tremors.



C Trail Burner, a hand-held mountain bike racing game, uses motion sensors to turn corners and jump hills and water pits. Crashes make the handlebars vibrate.

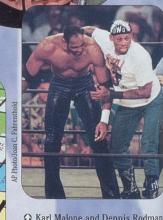


Adam Sandler stars in the surprise hit The Waterboy, which earns a record \$39.1 million in its November opening weekend.

© Kalpesh Lathigra/FSP/Gamma



> Britain's best Scrabble players commemorate the popular board game's 50th anniversary in October by playing in London's Wembley Stadium using letter tiles the size of dining tables.



○ Karl Malone and Dennis Rodman face off in a World Championship Wrestling tag-team match. The event pits Rodman and Hollywood Hulk Hogan against Malone and Diamond Dallas Page.

Walt Disney's A Bug's Life is one of at least 15 animated feature films that will flood the nation's theaters in the next two years.





C In June, Keiko arrives in his native Iceland to begin his assimilation to his new surroundings. The move concludes a four-year campaign to release the five-ton star of the movie Free Willy.

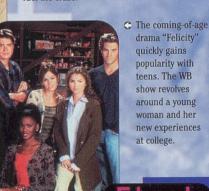
O In May 1998, the much-anticipated movie Godzilla opens to disappointing reviews and box office numbers. The epic leaves theaters quickly.



O Players of Vertical Reality, a combination video game and amusement ride, shoot at moving targets on a 24-foot-tall screen and sit in chairs that rise with each successful hit. The winner rides to the top for a grand view.



C The wildly popular stars of The WB network's "Dawson's Creek" hit the big screen, filming eight feature films during hiatus. Magazine covers by TV Guide, Seventeen and Interview fuel the craze.



AP Photo/WB, James Soren

Actor Rick Schroder replaces Jimmy Smits on ABC's "NYPD Blue." The fate of Smits' character in his last episode - he dies when a heart transplant fails - became a source of nationwide speculation.



Taco Bell's talking Chihuahua becomes a favorite teen advertising icon and sparks a surge of interest in the breed.



Megastars Bruce Willis and Demi Moore announce their separation in June after almost 11 years of marriage.

The American Film Institute rates the top 100 movies of the 20th century. The to ten include: Citizen Kane, 1941 Casablanca, 1942 The Godfather, 1972 Gone With the Wind, 1939

Lawrence of Arabia, 1962 The Wizard of Oz. 1939 The Graduate, 1967 On the Waterfront, 1954 Schindler's List, 1993 Singin' in the Rain, 1952

Fans flock to theaters to see the two-minut trailer for Star Wars: Episode-I - The Phantom Menace and many leave without staying to watch the main attraction. The prequel to the wildly popular Star Wars trilogy opens in May 1999.

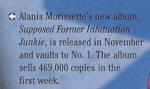
MusiRews

Thanks in part to their 42-city tour, The Backstreet Boys' self-titled album sells nine million copies making it the third best-selling album of the year.

C Singer and actor Frank Sinatra dies at the age of 82 on May 14, 1998.



Sharp and Sony introduce portable MiniDisc recorders. This digital alternative to audiocassettes records customized music compilations and doesn't skip when bumped.



Favorite New Pop/Rock Music Awards.





Nineteen-year-old Usher is named Billboard Music Awards' Artist of the Year and R&B Artist of the Year. Touring with Janet Jackson and making television and movie appearances has heightened



AP Photo/Joey Terrill



Spice Girl Geri Halliwell, better known as Ginger Spice, announces in May 1998 that she is leaving the popular group for creative reasons. Swing dancing makes a big comeback with the help of music from bands like Cherry Poppin' Daddies (shown) and the Brian Setzer Orchestra.



AP Photo/File

C Shania Twain wins the **Favorite Female Country** Artist award at the American Music Awards and receives six Grammy nominations.

Dewel scores on two fronts. Her book of poetry, A Night Without Armor, makes the New York Times best-seller list, and her album, Spirit, is released in November.



C Natalie Imbruglia wins Breakthrough Artist honors at the MTV Video Music Awards in September. Her album, Left of the Middle, features hits "Torn" and "Wishing I Was There."



AP Photo/The Hamilton Spectator, Scott Gardner

Mus

"I Don't Want to Miss a Thing," from the movie Armageddon, becomes the group's first single to hit No.1 on the Billboard Hot 100 charts.

Aerosmith's

O In November, Garth Brooks' new album Double Live enjoys first-day sales of over 500,000 copies, the industry's best one-day tally. Brooks makes special TV and Wal-Mart closed-circuit TV appearances to promote the release.



AP Photo/GB Management, Jenny Yates

Psychologists discover a connection between musical training and verbal memory. Children trained to play a music instrument grow up to have 16 percent better word memory than other adults.

Movie soundtracks account for nearly half of the Gold and Platinum certification Some of the top soundtracks include Titanic and Return to Titanic, City of Angels, Armageddon, Hope Floats, Dr. Doolittle and The Wedding Singer.

Whitney Houston's My Love Is Your Love is her first studio album in eight years. The album includes the hit duet with Mariah Carey entitled "When You Believe

Actor/rapper Will Smith wins three American Music Awards, including Favorite Pop/Rock Album, Favorite Soul/R&B Album and Favorite Soul/R&B Male Artist.



C The popularity of Lauryn Hill's album The Miseducation of Lauryn Hill leads to 10 Grammy nominations, the most for any female artist in history. Hill kicks off a worldwide tour in January 1999.

Monica is the only artist in 1998 with two No. 1 hits on the Billboard Hot 100, including "The First Night" and "The Boy Is Mine," a duet she sings with Brandy.

Sports

Sang Lan, China's 17-year-old gymnastics champion, breaks two vertebrae during a vault at the Goodwill Games in July, leaving her paralyzed from the chest down.

Skiboards, short skis with twin tips that allow forward and backward jumping, debut in competition at the 1998 ESPN Winter X Games.



In March 1998, ESPN launches a large-format sports magazine, ESPN The Magazine, to compete with Sports Illustrated.





On January 4, 1999, Tennessee beats Florida State University

23-16 at the Fiesta Bowl in Arizona to win the national championship.

It is the first year of the Bowl Championship Series, created to ensure that the highest ranked college teams nationally meet in a bowl game.

> Defending champion Detroit Red Wings win the 1998 Stanley Cup championship, beating the Washington Capitals 4-1. Defenseman Vladimir Konstantinov, severely injured in a car accident after last year's Stanley Cup win, joins the celebration.





 → Jeff Gordon wins the NASCAR Winston Cup for a second year in a row. Gordon, 27, is the youngest driver to win three Winston Cup championships.



O Flamboyant sprinter Florence Griffith Joyner (FloJo), triple gold medalist at the 1988 Olympics, dies at age 38 in her sleep, of suffocation during an epileptic seizure.

n a 4-0 sweep against the San Diego Padres, the New York Yankees win the 1998 World Series to claim their 24th championship. The Yankees' 125 total victories is a modern baseball record.



O In July, France beats Brazil 3-0 to win its first World Cup soccer title. During celebrations, a motorist drives through the crowd on the Champs-Elysées and injures 60 people.



C Lindsay Davenport, 22, defeats Martina Hingis in the U.S. Open in September and becomes the No. 1-ranked player in the world.

AP Photo/John Gaps III

AP Photo/Rusty Kennedy

C Olympic gymnast Dominique Moceanu is declared a legal adult after suing her parents, alleging they squandered her earnings and oppressed her for years. Later, Moceanu is granted a protective order against her

C St. Louis Cardinal Mark McGwire hits home run number 62 on September 8, breaking the record set by Roger Maris in 1961. McGwire ends the season with 70 home runs.

Scott Olson/Reuters

On September 13, Sammy Sosa of the Chicago Cubs also breaks Roger Maris' record with his singleseason 62nd home run. Sosa ends the season with 66 home runs.

On September 20, Cal Ripken Jr. ends his 16-year streak of 2,632 consecutive baseball games played by withdrawing himself from the

Baltimore lineup for that night.

Sports

The defending champion Denver Broncos meet the upstart Atlanta Falcons at Super Bowl XXXIII in Miami. The Broncos

O Golfer Casey Martin, who suffers from a circulatory disorder in his right leg, to use a cart during PGA and Nike golf tournaments. The Chicago Bulls capture their sixth NBA championship by beating the Utah Jazz 87-86 in game six. Michael Jordan earns the Finals MVP award. In January 1999, Jordan announces his retirement from the NBA after 13 seasons.

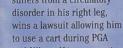
NBA owners impose a lockout on July that causes almost half the '98 - '99 basketball season to be lost. The labor dispute is settled on January 6.

Tennis star Pete Sampras wins his fift Wimbledon title and remains the world's No. 1 player for a record sixth straight year, breaking Jimmy Connors mark for consecutive seasons on top.

The NFL season is plaqued with controversial and incorrect calls. Instant replay is not reinstated, but coin toss procedures are implemented



win 34-19.



Faces ews

C Miss Virginia Nicole Johnson is crowned Miss America 1999 in Atlantic City. The 24-year-old diabetic wears an insulin pump on her hip and plans to spotlight diabetes awareness during her reign.

Fifty-six-year-old Linda McCartney, photographer, animal rights activist and wife of famed Beatle Paul, dies of breast cancer on April 17, 1998.



named Chatfield Senior High School's Homecoming Queen as well as starting kicker for the varsity football team. The No. 1-ranked kicker in the state of Colorado, Hnida hopes to play Division I college football next year.

Seventeen-year-old Katie Hnida is

C After dropping out of the third grade in 1902 to care for her 11 younger siblings, retired nanny and housekeeper Eugenie Garside finally receives her high school diploma at age 98.

C NBC's "News Radio" star and former "Saturday Night Live" cast member Phil Hartman dies from a gunshot wound inflicted by his wife in May 1998.

O Hirofumi "The Tokyo Terror" Nakajima (right), reigning world hot dog eating champion, eats 19 hot dogs and buns in 12 minutes to win the annual Nathan's Famous Fourth of July Hot Dog Eating Contest.



Olympic gold medalist figure skater Tara Lipinski takes part in an anti-tobacco rally with area school children on Capitol Hill in May 1998. The rally is sponsored by the Campaign for Tobacco-Free Kids.



AP Photo/NBC Photo, Dave Bjerke

Beloved puppeteer Shari Lewis dies of cancer on August 2. Her creations include her trademark Lamb Chop, Hush Puppy and Charlie Horse.

obacci

AP Photo/Dennis Cook

Canadian Tobin Belanger escorts a mannequin to his high school prom. He names her Jen, picks out her dress and corsage and arrives in a limousine.

Minnesotan David Weinlick "advertises" for a wife and chooses pharmacy student Elizabeth Runze from 23 hopefuls who travel to the Mall of America in Minneapolis for the event. Runze and Weinlick marry the same day.





Millennia Review

1376

Lifestyles

Society

© 1998 PhotoDisc, Inc

ntertainment

Personal Freedom

Science

2000

© 1998 PhotoDisc, Inc.

1000

Lifestyle

James Masshall/Curitis

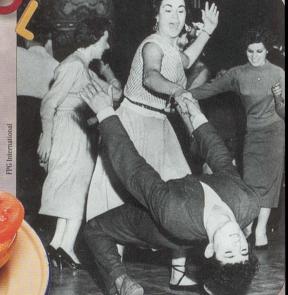


Slang of the 1800s includes coot, crazy as a loon, critter, bub and sis, bully for you, and bummer. Popular phrases today are da bomb, cool and phat.

♠ Germans first bake birthday cakes to celebrate children's birthdays in 1200. The candles burn throughout the day to symbolize life. The tradition of birthday cakes continues with popular characters as part of the cake decoration. d a

B O M B

C Before sweat glands are clearly understood in the 19th century, perfume is used to mask the odor of sweat. Introduced in 1888, Mum® is the first product to ward off underarm moisture and odor. In 1997, Americans spend \$1.48 billion on deodorant.



1683

1466

The average American's favorite meal in 1954 is a fruit cup, vegetable soup, steak and potatoes, peas, rolls and butter, and pie à la mode. Teens today rank pizza, french fries, pasta, hamburgers/ cheeseburgers and chicken nuggets as their top five favorite foods.

© 1998 PhotoDisc, Inc.

In 1892, the Manfield Shoe Company in England first produces quality shoes in standard sizes and large quantities. Sneakers are introduced in the 19th century and cost a few dollars. Name-brand

shoes today can cost hundreds of dollars.



O Swing dancing, popular in the 1930s, makes a comeback in 1998.

Nine percent of households own a TV in 1950. That number rises to 98 percent by 1995. On average, 98 percent of today's teens watch TV for 11.4 hours a week.

1841

1909



Society

1040

1298

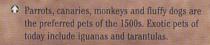
1460

1567

1685

Minnesota Historical Society/Onthis

In the 1000s, engagements are arranged at age seven and marriage follows at age 12 for girls and 14 for boys. Today, the average age at marriage for women is 24.5 and 26.9 for men.

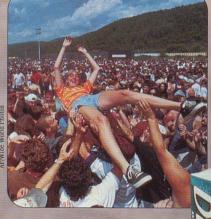


@ 1998 PhotoDisc, Inc.

In the 1800s, chaperones accompany girls on their dates. In later years, ice cream parlors become popular date hangouts. Today's hot spots are shopping malls.

In 1374, the entire population of a European city goes into a pathological frenzy, dancing in the streets until too exhausted or injured to continue. Slam dancing and mosh pits are common manias at today's concerts.

Average life expectancy in the 1000s is 30. In 1997, it rises to 79 for females and 73 for males.



RID moisturizing body wash

grass

In 1910, fewer than 50 percent of people complete grade school. In 1996, 81.7 percent of people complete high school.



population in 1600 totals 545 million compared to over 5.9 billion in 1998. The U.S. population in 1790 totals 3.9 million compared to over 270 million in 1998.

The world



In the 1700s, both sexes wear powdered wigs, rouge and red lipstick. They also etch their whitened faces in blue to bring out the veins. Worldwide annual sales of cosmetics today exceed \$80 billion.

1923

Sports Entertainment

23

In 1920, the New York Yankees pay George "Babe" Ruth \$125,000. In 1997, 21-year-old Kevin Garnett signs a seven-year contract worth \$126 million with the Minnesota Timberwolves.

⇒ Atari introduces Pong*, the first commercial video game, in 1972. Today's home video game systems include Sony PlayStation*, Sega Saturn* and Nintendo 64*. About 63 percent of teens play video games an average of 3.9 hours a week.



© 1998 PhotoDisc, Inc. © Hasbro, Ir

□ In 1903, The Passion Play at 30 minutes is the longest movie produced at this time, with average films running three or four minutes. The 1997 movie Titanic runs about three-and-a-half hours.

❖ Joseph Merlin develops the first practical pair of roller skates in 1759. Scott Olson invents the modern version of in-line skates in 1979. Today, 41 percent of teens own in-line skates.



↑ The first roller coaster, built in 1892 at Cedar Point® in Sandusky, Ohio, stands 25 feet high and travels 10 nɨles per hour. The Riddler's Revenge™ at Six Flags Magic Mountain™ is the tallest and fastest stand-up roller coaster, standing 156 feet and hitting a top speed of 65 miles per hour with a maximum of 4.2 gravity forces.



O Court jesters first appear in 1202. Modern jesters come in the form of comedians, such as Jerry Seinfeld whose TV show, Seinfeld, ends its nine-year run in 1998.



AP/Wide World Photos

In 1978, a federal judge rules that high school girls may participate on teams with boys. Women take further strides in sports with the first WNBA game on June 21, 1997.



Scienficave

1121

Recycling is a priority today, but around 1200 to 1400, people would hurl garbage and slop out their windows into alleys that swarmed with rats, flies and pigs.

When a royal Japanese family stains their teeth black in 1233, it quickly becomes a sign of beauty. White teeth are a sign of beauty today, with Americans spending \$100 million a year on over-the-counter tooth-whitening products.

The Pony Express travels between St. Joseph. Missouri, and Sacramento, California. The 2000-mile distance takes 10 days. Today, e-mail is almost instantaneous.

1347

Oriental spices are used to disguise the bad taste of spoiled meat in 1418 1499. Meat sold in the U.S. today must pass USDA standards.

AND PASSED BY DEPARTMENT OF

1573

1832

AGRICULTURE

C The Black Death sweeps Western Europe from 1347-51 and kills over 25 million people (one in four). Today, 22.6 million people live with AIDS, which is identified in 1981. Spectacles are invented in 1286 in Italy. The first practical contact lenses are developed in 1877 followed by plastic lenses in 1954 Laser surgery can now correct certain eyesight problems.

Kirkpatrick Macmillan creates the first bicycle, then called a velocipede, in 1839. Bicycling is a competitive sport around the world today with some bikes costing several

thousand dollars.

Scottish blacksmith



AP/Wide World Photos

♠ In 1783, it takes Thomas Jefferson five days to travel 90 miles using public transportation. Today, the Concorde airplane travels at 1,336 miles per hour and crosses the Atlantic Ocean in under



surgery. In 1997, 37 percent of cosmetic surgery patients undergo

multiple procedures.

1000

Personaleedom

1210

1376

1500

1697

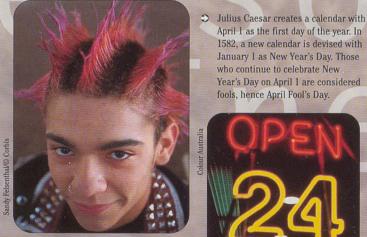
1753

The Factory Act of 1833 states children under age nine may not work in the textile industry, ages 9-13 may work nine hours per day, and ages 13-18 may work 12 hours per day. Today's 10th to 12th grader works an average of 19 hours a week

C Issued in 1950, The Diner's Club is the first general purpose credit card. By 1996, there are over 119 million credit card holders and about 1,390,000 ATM terminals



The earliest African slave arrives in the U.S. in 150 followed by 10-15 million Africans in the largest for migration in history. People from around the world now come willingly, with almost one million immigrants entering the U.S. in 1996 alone.



♠ In 1675, Massachusetts law prohibits men from wearing long hair. Russia taxes men with beards in 1698. Hairstyle is a personal choice today.



April 1 as the first day of the year. In 1582, a new calendar is devised with January 1 as New Year's Day. Those who continue to celebrate New Year's Day on April 1 are considered

DAYS A WEEK



Women first gain the right to vote in New Zealand in 1893, with American women gaining the right in 1920. The voting-age population of the U.S. today is over 193 million.



A 1721 Connecticut law states people may not leave home on Sunday except for church or an emergency. Many store are now open 24 hours, 7 days a week.



In the 1400s, books are symbols of prest and are considered treasures due to sm print runs. People trade vineyards and herds of cattle for or book. Today, the average teenager spends four hours a week reading for fur



(2000)

