

Christine Floyd

Philosophy "Teaching and learning are every minute of every day for the rest of our lives."

Licenses State of Indiana Teacher's License: 659355 Issued 8/31/98 Expires 5/10/23
*General Education K-6, 7-8 non-depart. Science Endorsement 1-9
Gifted and Talented Endorsement K-12 Computer Endorsement K-12
Technology Education 5-12; (Expires 5/10/18)*
Indiana Teacher Retirement Number: 0259563
Project Lead the Way Certifications: Gateway to Technology, Introduction to Engineering Design,
Principles of Engineering, Engineering Design and Development

Education **1993 – May 1998 Indiana University**, Indianapolis, IN
*Bachelor of Science Elementary Education
Major GPA – 4.00/4.00 Overall GPA – 3.91/4.00*
Endorsements: Middle School Science (3.790) Gifted/Talented (4.000)
Computer Technology (4.000)
Praxis Tests: Technology Education (added to license 2012)
1975 – 1979 Caesar Rodney High School, Camden-Wyoming, DE; *Diploma, College Prep Studies*

Professional Experience **Project Lead the Way Instructor**, August 2014 – Present
Introduction to Engineering Design, Principles of Engineering, Digital Electronics, Engineering Design and Development Senior CADRE class
Brownsburg High School, Brownsburg Comm. School Corporation, Brownsburg
IED, POE, DE and EDD Instructor. Total class responsibility included preparing and executing lesson plans, direction instruction, facilitate "hands-on" learning opportunities, and integrate technology in classroom, authentic assessments and evaluations, using the Project Lead The Way – Introduction to Engineering and Principles of Engineering program. Emphasis on STEM disciplines of science, technology, engineering and math. Sponsor for the FRC Team 3176 First Robotics Team.

Project Lead the Way, August 2013 – May 2014

Gateway To Technology Teacher

Lynhurst 7th & 8th Grade Center, MSD of Wayne Township, Indianapolis
Gateway To Technology Teacher. GTT Curriculum including Design and Modeling (including Autodesk Inventor) as well as Robotics and Automation, taught to 8th grade students. Total class responsibility included preparing and executing lesson plans, direction instruction, facilitate "hands-on" learning opportunities, and integrate technology in classroom, authentic assessments and evaluations, using the Project Lead The Way – Gateway To Technology Engineering program. Emphasis on STEM disciplines of science, technology, engineering and math. Development of VEX IQ Robotics team and participation in tournaments for students.

Science Department Chair, Science Teacher, August 2011 – May 2013

7th Grade Science Teacher

Eastwood Middle School, MSD of Washington Township, Indianapolis
Middle School Science Department Chair. Lead 6 person science department in building level department meetings, initiatives and evaluation of personnel and curriculum. Participate in District department level meetings and initiatives. Represent the science department in several building level committees and initiatives.
7th Grade Science Teacher. Total class responsibility included preparing and executing lesson plans, direction instruction, facilitate "hands-on" learning opportunities, and integrate technology in classroom, authentic assessments and evaluations. Integrate International Baccalaureate units, SEPUP Science Kits, and using PLC's to collect data to support and influence student achievement.

Project Lead the Way Instructor, August 2008 – May 2011

Introduction to Engineering Design, Principles of Engineering, Engineering Design and Development Senior CADRE class

Brownsburg High School, Brownsburg Comm. School Corporation, Brownsburg
IED, POE and EDD Instructor. Total class responsibility included preparing and executing lesson plans, direction instruction, facilitate "hands-on" learning opportunities, and integrate technology in classroom, authentic assessments and evaluations, using the Project Lead The Way – Introduction to Engineering and Principles of Engineering program. Emphasis on STEM disciplines of science, technology, engineering and math.

Gateway to Technology Teacher, August 2004 – June 2008

Brownsburg East Middle School, Brownsburg Comm. School Corporation, Brownsburg
Gateway To Technology Teacher. Total class responsibility included preparing and executing lesson plans, direction instruction, facilitate "hands-on" learning opportunities, and integrate technology in classroom, authentic assessments and evaluations, using the Project Lead The Way – Gateway To Technology Engineering program. Emphasis on STEM disciplines of science, technology, engineering and math.

Seventh Grade Science Teacher, August 2000 – June 2004

Brownsburg Junior High School, Brownsburg Comm. School Corporation, Brownsburg

Sixth Grade Teacher, August 1999 – June 2000

Christine Floyd

Harris Elementary School, Brownsburg Comm. School Corporation, Brownsburg

Selected Publications

C. Floyd and K. Reid, "Details of Implementation of an Interdisciplinary Pre-Engineering Activity in a Middle School Curriculum," *Frontiers in Education Conference Proceedings*, October 2007

C. Floyd and K. Reid, "The Tsunami Model Eliciting Activity: Implementation and Assessment of an Interdisciplinary Activity in a Pre-Engineering Classroom," *ASEE Annual Conference Proceedings (K-12 Division)*, June 2007

Honors and Activities Professional Development Activities

- Project Lead The Way Training, Digital Electronics, MSOE, Milwaukee, WI 2016
- Project Lead The Way Training, Digital Electronics Online PLC, Brownsburg, Indiana 2015
- FIRST Robotics Mentor, Team 3176, Brownsburg, Indiana 2014 - present
- Connor Prairie - PLTW Academy "Summer STEM Camp", Fishers, Indiana 2014 - present
- VEX IQ Mentor, Team 10100, Indianapolis, Indiana 2013
- Acuity Training, Indianapolis, Indiana 2011
- International Baccalaureate "Middle Year Program" Level 1 Training, Indianapolis, IN 2011
- Project Lead The Way Training, Engineering Design & Development, Purdue-Kokomo, IN 2009
- Project Lead The Way Training, Principles of Engineering, MSOE, Milwaukee, WI 2008
- Project Lead The Way Training, Introduction to Engineering Design, Purdue, Kokomo 2007
- PLTW Moodle, PLTW Webpage <http://staffweb.brownsburg.k12.in.us/~CFloyd/PLTW/>
- Gateway To Technology Training, Purdue, Kokomo 2004
- GTT Webpage <http://staffweb.brownsburg.k12.in.us/~cfloyd/gtt>
- Levels of Service, IDOE, 2003-2004
- Differentiated Curriculum Training, Carolyn Coil, BCSC, 2003-2004
- Understanding by Design Training, Jay McTighe, BCSC, 2003-2004
- Science Rigor and Relevance Training, Michael "Lucky" Voiselle, BCSC, 2003-2004
- Webpage Training Netscape Composer, BCSC, 2003-2004
- Challenger Learning Center (NASA) Training, BCSC, Fall, 2001
- "BrainSmarts" Conference, BCSC, Summer 2001
- "Write-Traits" Training, BCSC, Summer, 2001
- ASSC/ISTEP Remediation Head Teacher, Harris Elementary School, 2000-2001
- Computer Technology Leader, Harris Elementary School, 2000-2001
- Distance Learning Curriculum Committee, BCSC, 2000-2001
- Writer's Workshop, PD Class, BCSC, 2000
- AMES Science Workshop, BCSC, 2000
- Math Their Way of Thinking Workshop, BCSC, 2000

Honors

- "Woodie Flowers" FIRST Nominee, FRC Team 3176, 2015
- "Best Middle School Curriculum" awarded by Engineering Education Service Center (EESC), Tsunami Model Eliciting Activity curriculum, 2009
- ITEA Outstanding Middle School Technology Award, Local and State of Indiana, 2006.
- Armstrong Outstanding Educator Award Winner, 2006/2007
- Brownsburg Community School Corporation, Teacher of the Year, 2005/2006
- Brownsburg East Middle School, Teacher of the Year, 2005/2006
- "Disney Hands" teacher nominee, 2003/2004/2005
- Teacher Appreciation Award, 2003
- Techno Bulldog Award, Harris Elementary School, 2001
- Everett E. Jarboe Award, IUPUI School of Education, 1998
- Outstanding Student Award-Computer Endorsement Program, IUPUI School of Education, 1998
- Indiana Technology Educators Association, (ITEA) Member, 2006 - 2010
- Nominated for Kappa Delta Pi and the Association of Teacher Educators "National Student Teacher/Intern of the Year Award", 1997/98
- Indiana University School of Education Academic Honors (1996, 1997)
- IUPUI High Honors (Spring 1994) - Highest Honors (Spring 1995, Fall 1994)

Member

- BEF Grant Evaluation Committee; Brownsburg Community School Corporation, 2013
- Washington Township: IB Steering Committee, IB Technology Committee, MSDWT 2011
- Brownsburg Committees: Grading and Assessment, BCSC, 2006-2007; Data Analysis, Brownsburg East Middle, 2006-2007, Bullying, BCSC, Brownsburg East Middle, 2006-2007
- IDOE TECCA Curriculum Crosswalk Committee, Unit Author, 2005-2006
- IEEE-USA's Pre-college Education Committee, Teacher Liaison, 2004-2007
- Broad-Based Planning Committee for Gifted and Talented Program, BCSC, 2002-2006
- Professional Development Research Committee, BWMS, 2001 - 2002
- Alpha Sigma Lambda, Zeta Chi (Honorary Educational Fraternity)
- Indianapolis Area Reading Council, 1996-97, 1997-98

Presenter

- Northwestern Ohio Symposium, STEM presentation, 2011
- Brownsburg High School Staff Development, 2009, Develop a Professional Development Moodle
- Project Lead The Way, Indiana State Conference, Fall 2005, Roundtable Discussion
- CELL Conference, Fall 2005, Student Information Presentation for GTT/PLTW
- Portfolio presented during NCATE Review at IUPUI, Spring 1997
- Portfolio presented during INTASC Convention, Washington, DC, Fall 1996
- ICE Conference 1998, Indianapolis, Indiana

Pre-Teacher

- IUPUI Saturday Scholars/Summer Scholars Program for Gifted and Talented Students, Coordinator: Spring

Christine Floyd

Experience

1996 – Summer 1999, Instructor: Fall 1997 “The Art and Sounds of Poetry”; Spring 1998 “The Yuck Factor in Science”; Summer 1998 and 1999, Coordinator and Instructor “The Yuck Factor in Science” and “Spies, Crimes and Government”