

TechFusion 2.0

www.irvingisd.net/techfusion



Technology integration in the classroom occurs when technology and TEKS are fused together in a learning experience – we call this TechFusion. TechFusion is a process, not an event.

This fusion occurs over time; building on a foundation of knowledge and skills, moving through the application of those skills to everyday tasks, and evolving into a transparent use of technology for teaching and learning.

TechFusion takes the state's objectives which have been embedded into our district's board goals and these goals have become part of our district improvement plan which is reflected in each campus' individual improvement plans. The ultimate goal of TechFusion is to provide our students with the necessary tools for success in a changing world.

TechFusion consists of four strands:

- **Desktop Publishing**
includes Word, Publisher, or word processing applications
- **Multimedia**
includes PowerPoint, video, audio
- **Data Management**
includes Excel spreadsheets, Access database, D2SC
- **Online Learning**
includes videoconferencing, ePals, web quests, interactive web sites, online collaborative projects

Library Services

www.irvingisd.net/library

The Irving ISD Library Services website provides access to our searchable online catalog of library resources, as well as, links to the online resource databases purchased for each campus.

STaR Chart

www.irvingisd.net/ppage/STaRChart.htm



The Texas Teacher STaR Chart is designed to help teachers, campuses, and districts determine their progress toward meeting the goals of the *Long-Range Plan for Technology*, as well as meeting the goals of the district.

GradeSpeed

gradespeed.irvingisd.net



GradeSpeed is a web-based gradebook for teachers to manage grades, assignments, progress reports, seating charts, & attendance.

Blackboard

blackboard.irvingisd.net



The Irving ISD **Blackboard Learning System** is an online content system that is designed to provide functionality in the following areas:

- **Online content/supplement to any physical class** in the IISD. Resources such as assessment tools, document/content housing, online assignment submission, student monitoring in a course, discussion boards and more are available to all teachers teaching in Irving ISD.
- Fully **Online Classes** are offered within the learning system where students can attain high school credit in an online environment
- **Content Sharing** for faculty groups such as Professional Learning Communities, Job Alike groups, specific campuses, etc.

Additional help can also be found at: www.irvingisd.net/blackboard

NetTrekker

school.nettrekker.com



NetTrekker is an easy-to-use online research tool for K-12 students and educators with over 180,000 of the best online resources, aligned with state standards and organized by readability and grade level.

BrainPop

www.brainpop.com



BrainPOP is an educational website, providing content spanning seven main subjects including: Science, Math, English, Social Studies, Health, Arts and Music, and Technology.

Media Fair

www.irvingisd.net/mediafair



Media Fair is an opportunity for teachers and students to gain recognition for projects they have completed that integrate technology and instruction. These projects range from complicated multimedia projects to simple digital photography. Irving ISD Media Fair entries are judged in January and then local winning projects are submitted to the state TCEA Media Fair competition.

Aesop

www.aesoponline.com



Using Aesop administrators can quickly accomplish routine tasks, such as, adding substitute needs, review substitute placement, and running reports. The Aesop database is automatically calls substitutes and schedules their placement.

D2SC

<http://irving.d2sc.com>

D2SC is the district's curriculum, assessment, and reporting tool.

Curriculum: Every student, teacher, and administrator can access this dynamic database of curriculum content and instructional resources required district wide.



Assessment: Interim assessments for core content are administered using one of the following methods: virtual bubble sheets (Elem.), scan sheets (MS), and online (HS)

Reporting: Interim assessments, TAKS results, and numerous tracking systems are available to students, teachers, campus and district administrators in aggregated and disaggregated format.

CourseWhere Administration

www.solutionwhere.com/irvingisd/cw/logon.asp

CourseWhere is the online system that is used to register/enroll/track staff development courses within our district. All staff development, whether district or local to the campus, must be entered and tracked within this system. Individual users can login to enroll in new sessions, remove themselves from sessions they are enrolled in and view their transcript of all staff development that they have undergone while in the Irving ISD. Additional help resources for CourseWhere can be found on the district homepage or at:



www.irvingisd.net/staffdev/registration_instructions.htm

LoTi

www.loticonnection.com/lotilevels.html

The LoTi, or Levels of Technology Implementation is a focus on effective teaching and how technology can be an integral part of today's most productive classrooms. LoTi encourages teachers to consider technology as a tool for authentic learning experiences that are meaningful to students while effectively incorporating required curriculum content.



Lessons designated with a LoTi level of 3 or higher signify lessons that incorporate higher-order thinking skills. Level 4 and higher indicate student-centered lessons that focus on applying what is learned in relevant ways. IISD is striving to produce lessons that achieve LoTi levels of 3, 4 and above in order to promote higher level thinking for our students.

Eduphoria

eduphoria.irvingisd.net



SchoolObjects:pdas2007™ is a district standard for PDAS which can be accessed via a web browser, allowing principals and teachers to work on PDAS from school or home. Teacher self-reports, observation documents, walk-throughs, summative evaluations and intervention plans are all stored in one location, making it easy for teachers and principals to quickly view their PDAS documents. Principals can view their staff list at a glance and track how many walk-throughs have been performed, whether the staff member has had a formal evaluation, if the self-report has been submitted and if the summative has been completed.

All reports print in PDF format and look exactly like the state reports so they are familiar to principals and teachers!

The best news is that principals can perform both informal walk-throughs and formal observations and record their observations on their Palm. Simply sync the device and the evaluation is sent to the server! The principal can also send the evaluation to the teacher for viewing electronically. All records are stored under the teacher's name and can be accessed at any time.

Non-teaching employees can also be evaluated, using the alternate appraisal builder!

MUNIS

mol.irvingisd.net/MSS/login.aspx

MUNIS is the district's online Human Resources database. Principals use the database to view applications and hire new staff. Employees can use it to check benefits, payroll deductions or absences. Community members can use the online application form to enter job applications, resumes, and transcripts into the database.

MUNIS Self Service

Instructional Technology Specialist's Role (ITS)

Each elementary, middle and high school employs a full time, teacher-certified, Instructional Technology Specialist (ITS). These individuals are responsible for supplying instructional support, training, development, integration and implementation in the use of technology software, hardware and web-based tools for curriculum projects. They facilitate the effective use of technology in the teaching/learning process by:

- Encouraging and assisting teachers, administrators and staff to effectively integrate technology with curriculum and instruction.
- Suggesting and modeling strategies for the implementation of technology-related curriculum and instruction.
- Informing teachers, administrators and staff of the district's Acceptable Use Policy.
- Securing and delivering technology-related instructional materials.

Campus Technician's Role (CT)

Each elementary, middle and high school also employs a full time, Campus Technician (CT). These individuals are responsible for maintaining district hardware. Specific responsibilities include:

- Entering/deleting/changing user accounts
- Backing up servers on a regularly scheduled basis
- Configuring desktop machines to access the network and Exchange servers
- Providing first line troubleshooting for user machines having access problems
- Restarting server as requested by Network Department
- Creating and maintain campus distribution lists (maintenance can be assigned to others on the campus)

Technology Resources for Administrators



Your first line of contact is always your building Instructional Technology Specialist and your Campus Technician, but they are not always available and may not always have the answer you need. Below is a list of district contacts who can assist you with the information you need or can direct you to the best person to answer your question.

System	District Contact	Contact Information
Blackboard D2SC Eduphoria Media Fair	Jerram Froese (HS) - Instructional Technology Mikie Kindsfather (MS) - Instructional Technology Lorie Squalls (Elem) - Instructional Technology	jfroese@irvingisd.net 972-215-5259 mkindsfather@irvingisd.net 972-215-5257 lsqualls@irvingisd.net 972-215-5258
CourseWhere	Mickie Cox - Staff Development	mcox@irvingisd.net 972-215-5054
Library Services NetTrekker BrainPop	Dr. Lea Bailey - Learning Resources	lbailey@irvingisd.net 972-313-4820
MUNIS	Carmen Borthwell - Human Resources	cborthwell@irvingisd.net 972-215-5225
WebConnect SubFinder	Mary Cooper - Human Resources	mcooper@irvingisd.net 972-215-5230
STaR Chart LoTi TechFusion	Sam Farsaii - Instructional Technology	sfarsaii@irvingisd.net 972-215-5255
GradeSpeed	Brian Edomm - Instructional Systems	bedomm@irvingisd.net 972-215-5419