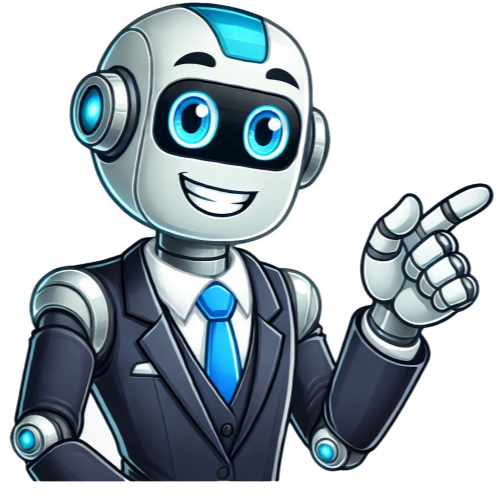


I'm not a robot





























connections make learning more meaningful for students. When students see the connections between subject areas, the material becomes more relevant. When these kinds of connections are part of planned instruction for a lesson or a unit, they are called cross-curricular, or interdisciplinary, instruction. Cross-curricular instruction is defined as: "...a conscious effort to apply knowledge, principles, and/or values to more than one academic discipline simultaneously. The disciplines may be related through a central theme, issue, problem, process, topic, or experience." (Jacobs, 1989). The design of the Common Core State Standards (CCSS) in English Language Arts (ELA) at the secondary level is organized to allow for cross-curricular instruction. The literacy standards for the DLA discipline are similar to the literacy standards for the disciplines of history/social studies and science/ technical subject areas that begin in grade six. In conjunction with the literacy standards for other disciplines, the CCSS suggest that students, starting in sixth grade, read more nonfiction than fiction. By grade eight, the ratio of literary fiction to informational texts (nonfiction) is 45 to 55. By grade 12, the ratio of literary fiction to informational texts drops to 30 to 70. The rationale for lowering the percent of literary fiction is explained in the Key Design Considerations page of the CCCS, which refers to: "...the need for college and career ready students to be proficient in reading complex informational text independently in a variety of content areas." Therefore, the CCSS advocates that students in grades eight through 12 must increase reading practice skills across all disciplines. Centering student reading in a cross-curricular curriculum around a particular topic (content area-informational) or theme (literary) can help make materials more meaningful or relevant. Examples of cross-curricular or interdisciplinary teaching can be found in STEM (science, technology, engineering, and math) learning and the more recently coined STEAM (science, technology, engineering, arts, and math) learning. The organization of these subject areas under one collective effort represents a recent trend toward cross-curricular integration in education. The cross-curricular investigations and assignments that include both humanities (such as ELA, social studies, and arts) and STEM subjects highlight how educators recognize the importance of creativity and collaboration, both skills that are increasingly necessary for modern employment. As with all curriculum, planning is critical to cross-curricular instruction. Curriculum writers must first consider the objectives of each content area or discipline. Selecting benchmarks or standards from the subject areas to be integrated; Identifying cross-curricular questions that can be asked about the benchmarks that have been selected; Identifying a product or performance assessment that incorporates the benchmarks. In addition, teachers need to create day-to-day lesson plans that meet the needs of the subject areas being taught, ensuring accurate information. There are four ways that cross-curriculum units can be designed: parallel integration, infusion integration, multidisciplinary integration, and transdisciplinary integration. A description of each cross-curricular approach with examples is listed below. In this situation, teachers from different subject areas focus on the same theme with varying assignments. An example involves integrating the curriculum between American literature and American history courses. For example, an English teacher might teach "The Crucible" by Arthur Miller while an American history teacher teaches about the Salem witch trials. By combining the two lessons, students can see how historical events can shape future drama and literature. This type of instruction is beneficial because teachers can maintain a high degree of control over their daily lesson plans. The only real coordination involves the timing of the material. However, issues can arise when unexpected interruptions cause one of the classes to fall behind. This type of integration occurs when a teacher infuses other subjects into daily lessons. For example, a science teacher might discuss the Manhattan Project, the atomic bomb, and the end of World War II when teaching about splitting the atom and atomic energy in a science class. No longer would a discussion about splitting atoms be purely theoretical. Instead, students can learn the real-world consequences of atomic warfare. The benefit of this type of curriculum integration is that the subject area teacher maintains complete control over the material taught. There is no coordination with other teachers and therefore no fear of unexpected interruptions. Further, the integrated material specifically relates to the information being taught. Multidisciplinary curriculum integration occurs when there are two or more teachers of different subject areas who agree to address the same theme with a common project. A great example of this is a class-wide project like a "Model Legislature" where students write bills, debate them, and then gather together to act as a sitting legislature deciding on all the bills that got through the individual committees. Both the American Government and English teachers have to be very involved in this sort of project to make it work well. This type of integration requires a high degree of teacher commitment, which works great when there is high enthusiasm for the project. However, it does not work as well when teachers have little desire to be involved. This is the most integrated of all types of curricular integration. It also requires the most planning and cooperation between teachers. In this scenario, two or more teachers share a common theme that they present to the students in an integrated fashion. Classes are joined together. The teachers write shared lesson plans and team teach all the lessons, weaving the subject areas together. This will only work well when all teachers involved are committed to the project and work well together. An example of this would be an English and social studies teacher jointly teaching a unit on the Middle Ages. Instead of having students learn in two separate classes, they combine forces to ensure that the needs of both curriculum areas are met. ©2025 Sandbox Networks Inc. All rights reserved. Sandbox Learning is part of Sandbox & Co., a digital learning company. If there's one thing teachers don't have enough of, it's time! Time to teach all the standards, the content, the skills... I often felt like my pacing guide was my enemy, so I had to find ways to teach smarter, not harder. Enter cross-curricular activities! Cross-curricular lessons are all about teaching more than one subject area at a time. This could look like introducing math vocabulary during a nonfiction reading lesson, solving science-themed word problems, or studying history through famous paintings. engaging for studentsreinforce learning by exposing students to content and skills in multiple areashelp students make connectionsserve as spiral reviewsave instructional time because you can teach two things at once It can seem complicated, but you can definitely make it work without a lot of work. Let's dig into a few tips for getting started using cross-curricular activities in elementary school. You do NOT have to plan 3-week-long thematic units that incorporate every single subject area - especially if you're just starting out with cross-curricular teaching. Plus, focusing on an activity that just links two areas is a great way to make sure kids aren't getting overwhelmed with too much content at once. If you take it one subject and one unit at a time, it's easier to identify places where you can bridge standards and skills. Even one cross-curricular activity in a unit is a great start! I generally look at my pacing calendar for the next few weeks and come up with a list of a couple of places where I see possible cross-curricular connections. For example, 5th graders in Virginia need to identify nonfiction text structures. Here's an easy place to bring in some science or social studies. Below is a Virginia Studies text structures sorting activity that helps students review Virginia's geography. 2-in-1! One of the easiest ways to go cross-curricular is to combine reading instruction with other subject areas. For example, I always give students informational texts about content I've taught (or am about to teach) in other subjects. That way they're getting the content while practicing whatever reading skill I'm teaching. I love this strategy to both introduce new material and to reinforce or review material I've already taught. Pairing content areas and reading can happen in more than just a nonfiction unit. Literary nonfiction, poetry, functional text, and research skills also work well. Another option is to bring reading into other subjects like math and social studies. For example, I use Longfellow's poem to teach students about Paul Revere's ride. They get practice with visualizing, sensory words, and context clues while learning about Revere's contributions during the American Revolution. There are tons of picture books and chapter books to teach science, social studies, health, and math! Chances are your students are probably doing a good amount of writing when you're teaching other subjects, but if you want to go more in-depth, cross-curricular research projects are another great choice. I love doing at least one science and one social studies research project each year. For example, students can research a famous individual from the American Revolution and create a biographical artifact to represent him or her. Or they might study an environmental issue and create a media message to inform the community about negative human impact. Some other writing units you can match with other subjects and with specials are informational text or "expert writing," paragraph writing, persuasive writing, historical narratives, poetry, and media messages. Math is another easy place to bring in some cross-curricular activities that don't take too much planning. One of my favorite strategies is to write themed questions or word problems. Kids find it super engaging and I know they're getting spiral review of the content I've taught. Data and graphing are another area that I like to link with other subjects, and it helps reinforce how we use data outside of math. You can create graphs that match your content, like below, to use during math class, or you can have students graph content they learn about. While it can be hard to coordinate times to collaborate with specials teachers, it's worth it to pair up with the P.E., Music, and Art teachers at your school to brainstorm some interdisciplinary lessons. Here are a few quick ideas: review math facts during a PE gamepractice unit vocabulary by writing a song with the music teacherstudy the architecture or artwork of a particular culture or time period in art classresearch and listen to music from another country or century in music classresearch inventors and inventions during a STEM class It does take some planning, but chances are that specialists will be open to finding new ways to engage students while also supporting your curriculum! If you're a classroom teacher who is compartmentalized, you can also work with your grade level team to plan some cross-curricular lessons. Cross-curricular activities can definitely help you teach smarter, not harder, especially if you keep it simple! Let me know if you have any questions getting started with cross-curricular resources in your classroom!