



Burns SciTech JR HIGH

Presentation by Mr. Hargrave



Teach students “how to learn,” not just “what to learn”

Learning Styles

Learning preferences or styles refer to the methods of acquiring and understanding new information.

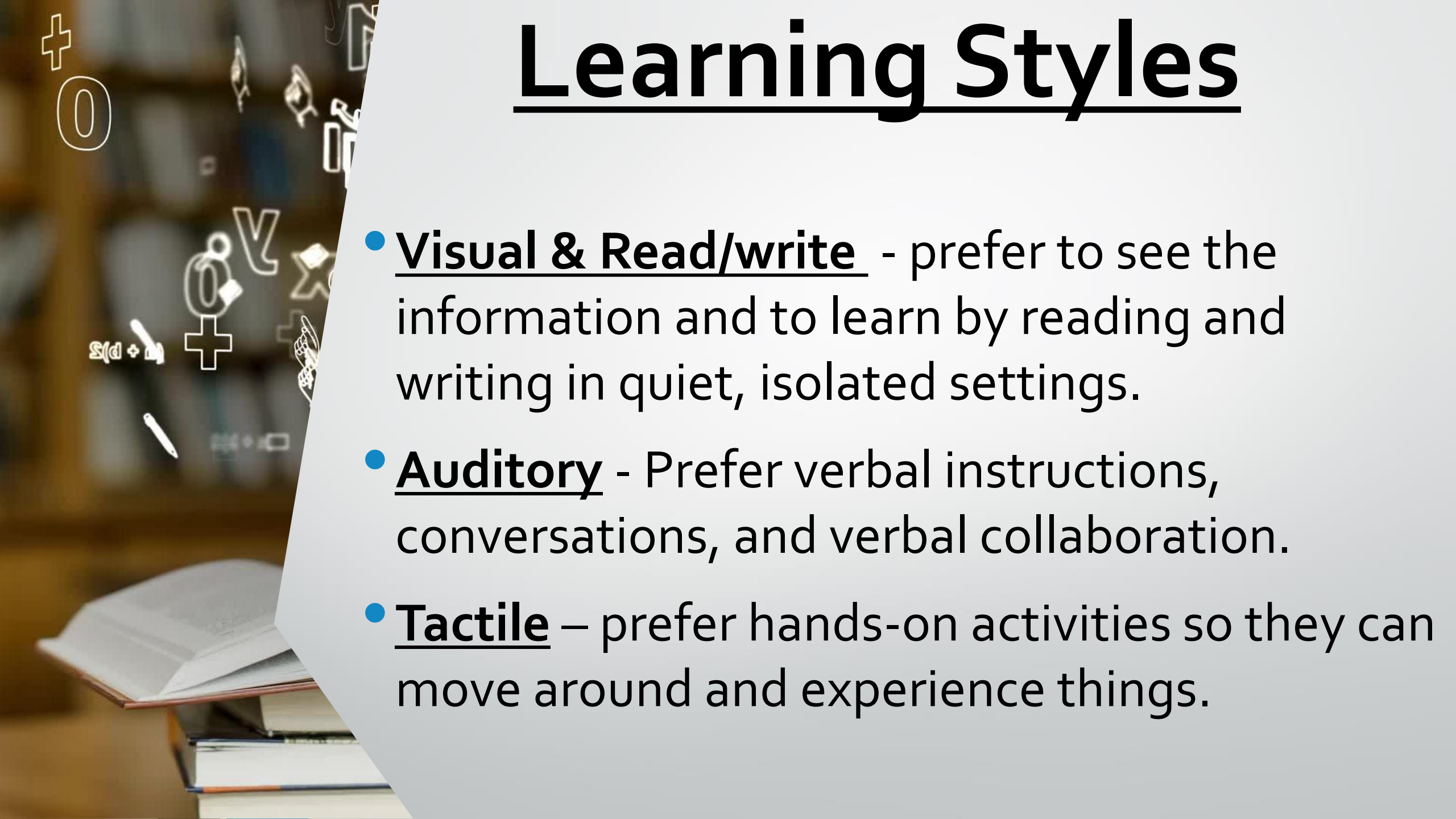


Three Primary Preferences:

**Visual
(Read/Write)**

Auditory

**Tactile
(Hands-on)**



Learning Styles

- **Visual & Read/write** - prefer to see the information and to learn by reading and writing in quiet, isolated settings.
- **Auditory** - Prefer verbal instructions, conversations, and verbal collaboration.
- **Tactile** – prefer hands-on activities so they can move around and experience things.

STYLES OF TEACHING

All Learning Styles will be used, but the course will emphasize certain ones.



We have condensed the styles into two types:

- Scholar
- Entrepreneurial



When selecting your courses, you will see either scholar or entrepreneur next to some of the courses. Please choose the style that would best fit the student's learning preference.

SCHOLAR LEARNING STYLE



The traditional teaching method

The best way to prepare students for college and university studies.

It focuses mainly on reading/writing, and visual learning, with less focus on hands-on (tactile) and collaborative learning (auditory).

The teaching style is direct, with an emphasis on lectures, research, and guided discussions.

Evaluated through individual tests, quizzes, and research papers, with individual answers being the desired outcome.

The classroom environment is formal and orderly, with students working independently, so there is limited movement and noise.

ENTREPRENEURIAL LEARNING STYLE



This style still uses traditional teaching methods but also incorporates more project-based learning, which prepares students for the business world.

It includes all the learning styles, including tactile (hands-on) and collaborative learning (auditory).

Projects and play team games to solve problems, answer questions, and explore topics.

Projects and games are usually done in small groups, so students can work on their leadership, collaboration, and communication skills.

There will be a balance of individual and team tests, quizzes, papers, with the addition of rubric grading for projects.

The classroom environment is usually more dynamic and interactive, with students moving around and working together.

MAJOR PROJECT IN SCIENCE

Based on the science course selected



Science Fair

- Scholar Learning Style
- Using the scientific method or engineering design process, students perform their experiment or project.



Research and Development (R&D)

- Entrepreneurial Learning Style
- Students will complete a business science research project on a product or service.

WHAT COLLEGES WANT

Academic Excellence: High GPA and High National Test Scores

Foundational Knowledge: Traditional Learning in Core Subjects

Critical Thinking and Problem-Solving: Research & Independence Skills

Intellectual Curiosity: Independent Projects (**Science Fair**) & Academic Competitions (SeaPerch, Envirothon, Science Olympiad, Pitch Competitions, Debates...)

Extracurricular Activities: Leadership Roles, Long-Term Commitment, Community Service, and Unique Skills. (National Honor Society, Student Govt, Arts, Music, Athletics...)

Character and Values: Resilience, Problem-Solving, and Ethical Behavior
(Shown in Applications and Letters of Recommendation)

JR. SCHOLAR



PROGRAM

For students who have a desire to excel academically and want to be prepared for high-level colleges/universities.

Application Required

Must take Scholar English and Scholar Science

Compete in the Science Fair

Apply to the Junior National Honor Society

Students accepted into this program will be given access to high school electives and, if excelling, can take dual enrollment at the end of their 8th-grade year.

ELECTIVES

AVIATION PROGRAM

AGRISCIENCE (FFA)

PHYSICAL EDUCATION

ART DEVELOPMENT

MUSICAL THEATRE

MUSIC TECHNOLOGY

INSTRUMENTAL MUSIC

MULTI-MEDIA JOURNALISM & YEARBOOK

JR STUDENT GOVERNMENT

COMPUTER APPLICATIONS

SPEECH AND DEBATE

STEM / UNDERWATER ROBOTICS

JR. SCHOLAR ONLY

HS DIGITAL INFORMATION TECHNOLOGY

HS SPANISH 1 & 2

STUDENT LEARNING SUCCESS (SLS) – DUAL ENROLLMENT (8TH)