

# Industrial Arts / Ag Science Instructional Framework Tier 1

85 minutes

## Whole Group Instruction

*Instructional Examples include (but are not limited to):*

- Delivery of KSDE mandated competencies
- Building background, specific definition of project objectives and requirements (content and language objectives)
- Introduction of key vocabulary
- Instructor project modeling, instructor lecture, expert presentations (via media or in person)

## Independent Practice

*Instructional Examples include (but are not limited to):*

- Guided practice of project/products and/or presentations
- Facilitation and evaluation of student work process/progress toward mastery of key concepts
- Facilitation and evaluation of student reflection and peer evaluation
- Reflection on student achievement and project/product success

## DIFFERENTIATED SMALL GROUPS

*Instructional Examples include (but are not limited to):*

- Small group exploration of topics/project areas/applications
- Pairing of students for research
- Small group practice of individual project/product skills
- Discussion and review of key vocabulary/concepts

### DIFFERENTIATED INSTRUCTION

*(small group or independent practice)*

- Intervention
- Consideration of Bloom's Taxonomy
- SIOP
- MAX Teaching
- Consideration of Bloom's Taxonomy
- Accommodations for children with disabilities
- Reflective Practice
- Flexible Grouping
- Multicultural considerations
- Inquiry and Discovery
- Multi-sensory Opportunities
- Reflective Practice

### Notes on the department framework:

1. Differentiated instruction is included in the Small Group and Independent Practice components of the framework.
2. Independent Practice is not synonymous with individual practice. Some projects/products may be pair or group based.
3. This cycle may take multiple class periods, and all components may/or may not be included in any one class period.
4. All components will be included in every project/product, but may not be done in the stated sequence.