

CAST's Universal Design for Learning Guidelines – Educator Checklist

UDL Guidelines	Unit/Lesson: 7.NS.A.3 Iced Tea Stand
I. Provide multiple means of representation– Recognition Networks	
1. Provide options for perception	Your Ideas
<ul style="list-style-type: none"> • Offer ways to customize the display of information 	Graphic organizer and table with story; poster to display student work, strategies used
<ul style="list-style-type: none"> • Offer alternatives for auditory information 	Copies of problems provided to each group
<ul style="list-style-type: none"> • Offer alternatives for visual information 	Whole class discussion of Big Ideas and strategies used in the lesson; document camera/posters used to display student work while students explain their results; read aloud of the story problem
2. Provide options for language, mathematical expressions, and symbols	Your Ideas
<ul style="list-style-type: none"> • Clarify vocabulary and symbols 	Lesson Launch with sorting activity
<ul style="list-style-type: none"> • Clarify syntax and structure 	Whole class discussion to review various strategies used and operations used
<ul style="list-style-type: none"> • Support decoding of text, mathematical notation, and symbols 	Keep sorting activity posted on board throughout lesson
<ul style="list-style-type: none"> • Promote understanding across language 	Students solve provided story and then write their own stories
<ul style="list-style-type: none"> • Illustrate through multiple media 	Results given with pictures, numbers and words
3. Provide options for comprehension	Your Ideas
<ul style="list-style-type: none"> • Activate or supply background knowledge 	Lesson launch activity
<ul style="list-style-type: none"> • Highlight patterns, critical features, big ideas, and relationships 	Whole group discussion; small group/independent work
<ul style="list-style-type: none"> • Guide information processing, visualization, & manipulation 	Whole group discussion, small group work, multiple representations of student work
<ul style="list-style-type: none"> • Maximize transfer and generalization 	Small group presentations; group discussion of strategies used; groups write their own stories and solve another group's story; homework assignment
II. Provide multiple means for action and expression - Strategic Networks	
4. Provide options for physical actions	Your Ideas
<ul style="list-style-type: none"> • Vary the methods for response and navigation 	Group presentations of strategies used; graphic organizer on story sheet; lesson launch activity
<ul style="list-style-type: none"> • Optimize access to tools and assistive technologies 	Availability of document camera to display work
5. Provide options for expression and communication	Your Ideas
<ul style="list-style-type: none"> • Use multiple media for communication 	Group presentations of strategies used; graphic organizer on story sheet; lesson launch activity
<ul style="list-style-type: none"> • Use multiple tools for construction and composition 	Group presentations of strategies used; graphic organizer on story sheet; lesson launch activity
<ul style="list-style-type: none"> • Build fluencies with graduated labels of support for practice and performance 	Lesson launch as whole group; small group work; whole groups discussion to discuss strategies
6. Provide options for executive functions	Your Ideas
<ul style="list-style-type: none"> • Guide appropriate goal setting 	Clear directions for small group work; group discussion of strategies; lesson launch
<ul style="list-style-type: none"> • Support planning and strategy development 	Opportunity to use various strategies and select which works best for each student
<ul style="list-style-type: none"> • Facilitate managing information and resources 	Students work in groups to problem solve; reflection time between activities
<ul style="list-style-type: none"> • Enhance capacity for monitoring progress 	Students present solutions and methods for finding them; teacher checks for understanding throughout

CAST's Universal Design for Learning Guidelines – Educator Checklist

III. Provide multiple means for engagement - Affective Networks	
7. Provide options for recruiting interest	Your Ideas
<ul style="list-style-type: none"> • Optimize individual choice and autonomy 	Graphic organizer on story sheet; student presentations; students write their own stories; lesson launch activity
<ul style="list-style-type: none"> • Optimize relevance, value, and authenticity 	Real world situations used for stories; students write their own stories and solve each other's
<ul style="list-style-type: none"> • Minimize threats and distractions 	Opportunity to work in small group/with partner (depending on class size)
8. Provide options for sustaining effort and persistence	Your Ideas
<ul style="list-style-type: none"> • Heighten salience of goals and objectives 	Use of real-world examples
<ul style="list-style-type: none"> • Vary demands and resources to optimize challenge 	Self-paced activities and teacher led discussions/activities
<ul style="list-style-type: none"> • Foster collaboration and community 	Small groups both solving and composing stories; teacher posed questions to whole class and small groups
<ul style="list-style-type: none"> • Increase mastery-oriented feedback 	Students develop strategies to use when solving and composing stories; write own stories in class and extend given story for homework
9. Provide options for self-regulation	Your Ideas
<ul style="list-style-type: none"> • Promote expectations and beliefs that optimize motivation 	Students use what they know for new learning/developing strategies to use
<ul style="list-style-type: none"> • Facilitate personal coping skills and strategies 	Students apply learning to real-world situations; students work cooperative in small groups
<ul style="list-style-type: none"> • Develop self-assessment and reflection 	Students create their own stories and answer keys