



**DestinationImagiNation**  
The most important course in education.

## **The 2004-2005 Connection:**

### **Connecting the Content Learning Standards with Destination ImagiNation® Challenges**

The excitement of working on a Destination ImagiNation® Challenge captivates the energetic, fanciful imaginations of four-year old children as well as the probing, analytical minds of college seniors. The promise of creating your own unique solution, developing the ultimate mind-boggling device, scrutinizing thoughts to capture the essence of the perfect, original idea, and cultivating camaraderie among team members captures the hearts of thousands year after year. But, there is more! The Destination ImagiNation® Challenges connect the educational learning standards to real life.

By linking the standards to the Challenges, learners perceive the importance of the interconnectedness among differing subject areas, develop a spiraling set of academic skills, and establish long-range goals to transport them to the beckoning future. Concurrently, Destination ImagiNation® team members seek to use the creative problem solving process to create a plethora of possibilities, solve perplexing dilemmas, discern the most effective or efficient solutions, and work harmoniously with others. The decisive goals of Destination ImagiNation® and the educational learning standards are one in the same – to provide the ultimate experiences for the youth of the world to reach their highest potential for the betterment of mankind.

Connecting the learning standards and the Destination ImagiNation® Challenges bestows the merging of education and real life experiences. The national compendium of standards, referenced in this study and created by the Mid-Continent Research for Education and Learning Group, can be located at <http://www.mcrel.org/standards-benchmarks/>.

The following table displays the Destination ImagiNation® Challenges for 2004-2005 and their connection to the standards. Each row lists a particular learning standard and each column lists a Challenge. By viewing a specific Challenge, one observes all the standards addressed in that Challenge. Often, a Challenge impels team members to delve into various academic areas in an undaunted, investigative manner pressing them beyond the expectations of the standards.

If you want your children or students to experience dreaming the improbable, attempting the impossible, savoring friendships, and preparing for the unknown future - encourage them to be on a Destination ImagiNation® team. This is experiencing life to its fullest!

<b>Standards</b>	<b>Dizzy Derby</b>	<b>Sudden SerenDipity</b>	<b>Live! It's RaDIo DI!</b>	<b>IMPROVing Along</b>	<b>DIsigning Bridges</b>
Life Work	<ul style="list-style-type: none"> <li>1. Makes Effective Use of Tools</li> <li>2. Uses various information sources, including those of a technical nature, to accomplish specific tasks</li> <li>6. Makes effective use of basic life skills.</li> <li>7. Displays reliability and a basic work ethic.</li> <li>8. Operates effectively within organizations</li> </ul>	<ul style="list-style-type: none"> <li>1. Makes Effective Use of Tools</li> <li>2. Uses various information sources, including those of a technical nature, to accomplish specific tasks</li> <li>6. Makes effective use of basic life skills.</li> <li>7. Displays reliability and a basic work ethic.</li> <li>8. Operates effectively within organizations</li> </ul>	<ul style="list-style-type: none"> <li>2. Uses various information sources, including those of a technical nature, to accomplish specific tasks</li> <li>6. Makes effective use of basic life skills.</li> <li>7. Displays reliability and a basic work ethic.</li> <li>8. Operates effectively within organizations</li> </ul>	<ul style="list-style-type: none"> <li>2. Uses various information sources, including those of a technical nature, to accomplish specific tasks</li> <li>6. Makes effective use of basic life skills.</li> <li>7. Displays reliability and a basic work ethic.</li> <li>8. Operates effectively within organizations</li> </ul>	<ul style="list-style-type: none"> <li>1. Makes Effective Use of Tools</li> <li>2. Uses various information sources, including those of a technical nature, to accomplish specific tasks</li> <li>6. Makes effective use of basic life skills.</li> <li>7. Displays reliability and a basic work ethic.</li> <li>8. Operates effectively within organizations</li> </ul>
Thinking & Reasoning	<ul style="list-style-type: none"> <li>2. Understands and applies basic principles of logic and reasoning.</li> <li>4. Understands and applies basic principles of hypothesis testing and scientific inquiry</li> <li>5. Applies basic trouble-shooting and problem-solving techniques</li> <li>6. Applies decision-making techniques</li> </ul>	<ul style="list-style-type: none"> <li>1. Understands and applies the basic principles of presenting an argument.</li> <li>2. Understands and applies basic principles of logic and reasoning.</li> <li>3. Effectively uses mental processes that are based on identifying similarities and differences.</li> <li>4. Understands and applies basic principles of hypothesis testing and scientific inquiry</li> <li>5. Applies basic trouble-shooting and problem-solving techniques</li> <li>6. Applies decision-making techniques</li> </ul>	<ul style="list-style-type: none"> <li>2. Understands and applies basic principles of logic and reasoning.</li> <li>3. Effectively uses mental processes that are based on identifying similarities and differences.</li> <li>5. Applies basic trouble-shooting and problem-solving techniques</li> <li>6. Applies decision-making techniques</li> </ul>	<ul style="list-style-type: none"> <li>2. Understands and applies basic principles of logic and reasoning.</li> <li>5. Applies basic trouble-shooting and problem-solving techniques</li> <li>6. Applies decision-making techniques</li> </ul>	<ul style="list-style-type: none"> <li>2. Understands and applies basic principles of logic and reasoning.</li> <li>3. Effectively uses mental processes that are based on identifying similarities and differences.</li> <li>4. Understands and applies basic principles of hypothesis testing and scientific inquiry</li> <li>5. Applies basic trouble-shooting and problem-solving techniques</li> <li>6. Applies decision-making techniques</li> </ul>

<b>Standards</b>	<b>Dizzy Derby</b>	<b>Sudden SerenDIpity</b>	<b>Live! It's RaDIo DI!</b>	<b>IMPROVing Along</b>	<b>DIsigning Bridges</b>
Working With Others	<ul style="list-style-type: none"> <li>1. Contributes to the overall effort of a group</li> <li>2. Uses conflict-resolution techniques</li> <li>3. Works well with diverse individuals and in diverse situations.</li> <li>4. Displays effective interpersonal communication skills.</li> <li>5. Demonstrates leadership skill.</li> </ul>	<ul style="list-style-type: none"> <li>1. Contributes to the overall effort of a group</li> <li>2. Uses conflict-resolution techniques</li> <li>3. Works well with diverse individuals and in diverse situations.</li> <li>4. Displays effective interpersonal communication skills.</li> <li>5. Demonstrates leadership skill.</li> </ul>	<ul style="list-style-type: none"> <li>1. Contributes to the overall effort of a group</li> <li>2. Uses conflict-resolution techniques</li> <li>3. Works well with diverse individuals and in diverse situations.</li> <li>4. Displays effective interpersonal communication skills.</li> <li>5. Demonstrates leadership skill.</li> </ul>	<ul style="list-style-type: none"> <li>1. Contributes to the overall effort of a group</li> <li>2. Uses conflict-resolution techniques</li> <li>3. Works well with diverse individuals and in diverse situations.</li> <li>4. Displays effective interpersonal communication skills.</li> <li>5. Demonstrates leadership skill.</li> </ul>	<ul style="list-style-type: none"> <li>1. Contributes to the overall effort of a group</li> <li>2. Uses conflict-resolution techniques</li> <li>3. Works well with diverse individuals and in diverse situations.</li> <li>4. Displays effective interpersonal communication skills.</li> <li>5. Demonstrates leadership skill.</li> </ul>
Writing	<ul style="list-style-type: none"> <li>1. Uses the general skills and strategies of the writing process</li> <li>4. Gathers and uses information for research purposes</li> </ul>	<ul style="list-style-type: none"> <li>1. Uses the general skills and strategies of the writing process</li> <li>4. Gathers and uses information for research purposes</li> </ul>	<ul style="list-style-type: none"> <li>1. Uses the general skills and strategies of the writing process</li> <li>2. Uses the stylistic and rhetorical aspects of writing.</li> <li>4. Gathers and uses information for research purposes</li> </ul>	<ul style="list-style-type: none"> <li>1. Uses the general skills and strategies of the writing process</li> <li>4. Gathers and uses information for research purposes</li> </ul>	<ul style="list-style-type: none"> <li>1. Uses the general skills and strategies of the writing process</li> <li>4. Gathers and uses information for research purposes</li> </ul>
Reading	<ul style="list-style-type: none"> <li>5. Uses the general skills and strategies of the reading process</li> <li>7. Uses reading skills and strategies to understand and interpret a variety of informational texts</li> </ul>	<ul style="list-style-type: none"> <li>5. Uses the general skills and strategies of the reading process</li> <li>7. Uses reading skills and strategies to understand and interpret a variety of informational texts</li> </ul>	<ul style="list-style-type: none"> <li>5. Uses the general skills and strategies of the reading process</li> <li>7. Uses reading skills and strategies to understand and interpret a variety of informational texts</li> </ul>	<ul style="list-style-type: none"> <li>5. Uses the general skills and strategies of the reading process</li> <li>7. Uses reading skills and strategies to understand and interpret a variety of informational texts</li> </ul>	<ul style="list-style-type: none"> <li>5. Uses the general skills and strategies of the reading process</li> <li>7. Uses reading skills and strategies to understand and interpret a variety of informational texts</li> </ul>
Listening & Speaking	<ul style="list-style-type: none"> <li>8. Uses listening and speaking strategies for different purposes</li> </ul>	<ul style="list-style-type: none"> <li>8. Uses listening and speaking strategies for different purposes</li> </ul>	<ul style="list-style-type: none"> <li>8. Uses listening and speaking strategies for different purposes</li> </ul>	<ul style="list-style-type: none"> <li>8. Uses listening and speaking strategies for different purposes</li> </ul>	<ul style="list-style-type: none"> <li>8. Uses listening and speaking strategies for different purposes</li> </ul>
Media			<ul style="list-style-type: none"> <li>10. Understands the characteristics and components of the media</li> </ul>		

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Mathematics	<ol style="list-style-type: none"> <li>1. Uses a variety of strategies in the problem-solving process.</li> <li>2. Understands and applies basic and advanced properties of the concepts of numbers</li> <li>3. Uses basic and advanced procedures while performing the processes of computation.</li> <li>4. Understands and applies basic and advanced properties of the concepts of measurement.</li> <li>5. Understands and applies basic and advanced properties of the concepts of geometry.</li> <li>6. Understands and applies basic and advanced concepts of statistics and data analysis.</li> <li>9. Understands the general nature and uses of mathematics.</li> </ol>	<ol style="list-style-type: none"> <li>1. Uses a variety of strategies in the problem-solving process.</li> <li>2. Understands and applies basic and advanced properties of the concepts of numbers</li> <li>3. Uses basic and advanced procedures while performing the processes of computation</li> <li>4. Understands and applies basic and advanced properties of the concepts of measurement.</li> <li>5. Understands and applies basic and advanced properties of the concepts of geometry.</li> <li>6. Understands and applies basic and advanced concepts of statistics and data analysis.</li> <li>9. Understands the general nature and uses of mathematics.</li> </ol>	<ol style="list-style-type: none"> <li>1. Uses a variety of strategies in the problem-solving process.</li> </ol>	<ol style="list-style-type: none"> <li>1. Uses a variety of strategies in the problem-solving process.</li> </ol>	<ol style="list-style-type: none"> <li>1. Uses a variety of strategies in the problem-solving process.</li> <li>2. Understands and applies basic and advanced properties of the concepts of numbers</li> <li>3. Uses basic and advanced procedures while performing the processes of computation</li> <li>4. Understands and applies basic and advanced properties of the concepts of measurement.</li> <li>5. Understands and applies basic and advanced properties of the concepts of geometry.</li> <li>6. Understands and applies basic and advanced concepts of statistics and data analysis.</li> <li>7. Understands and applies basic and advanced concepts of probability.</li> <li>9. Understands the general nature and uses of mathematics.</li> </ol>

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Geography				4. Understands the physical and human characteristics of place. 14. Understands how human actions modify the physical environment.	1. Understands the characteristics and uses of maps, globes, and other geographic tools and technologies 2. Knows the location of places, geographic features, and patterns of the environment 4. Understands the physical and human characteristics of place. 14. Understands how human actions modify the physical environment.
History		8. Understands major discoveries in science and technology, some of their social and economic effects, and major scientists and inventors responsible for them.		8. Understands major discoveries in science and technology, some of their social and economic effects, and major scientists and inventors responsible for them.	7. Understands selected attributes and historical developments of societies in Africa, the Americas, Asia, and Europe. 8. Understands major discoveries in science and technology, some of their social and economic effects, and major scientists and inventors responsible for them.
Science	9. Understands the sources and properties of energy. 10. Understands forces and motion. 11. Understands the nature of scientific knowledge. 12. Understands the nature of scientific inquiry.	9. Understands the sources and properties of energy. 10. Understands forces and motion. 11. Understands the nature of scientific knowledge. 12. Understands the nature of scientific inquiry.	9. Understands the sources and properties of energy.	9. Understands the sources and properties of energy. 10. Understands forces and motion 11. Understands the nature of scientific knowledge. 12. Understands the nature of scientific inquiry.	8. Understands the structure and properties of matter 10. Understands forces and motion. 11. Understands the nature of scientific knowledge. 12. Understands the nature of scientific inquiry.
Health	5. Knows essential concepts and practices concerning injury prevention and safety.	5. Knows essential concepts and practices concerning injury prevention and safety.	5. Knows essential concepts and practices concerning injury prevention and safety.	5. Knows essential concepts and practices concerning injury prevention and safety.	5. Knows essential concepts and practices concerning injury prevention and safety.

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Theatre	<ol style="list-style-type: none"> <li>1. Demonstrates competence in writing scripts.</li> <li>2. Uses acting skills.</li> <li>3. Designs and produces informal and formal productions.</li> <li>4. Directs scenes and productions.</li> </ol>	<ol style="list-style-type: none"> <li>1. Demonstrates competence in writing scripts.</li> <li>2. Uses acting skills.</li> <li>3. Designs and produces informal and formal productions.</li> <li>4. Directs scenes and productions.</li> </ol>	<ol style="list-style-type: none"> <li>1. Demonstrates competence in writing scripts.</li> <li>2. Uses acting skills.</li> <li>3. Designs and produces informal and formal productions.</li> <li>4. Directs scenes and productions.</li> <li>5. Understands how informal and formal theatre, film, television, and electronic media productions create and communicate meaning.</li> <li>6. Understands the context in which theatre, film, television, and electronic media are performed today as well as in the past.</li> </ol>	<ol style="list-style-type: none"> <li>2. Uses acting skills.</li> <li>3. Designs and produces informal and formal productions.</li> <li>4. Directs scenes and productions.</li> </ol>	<ol style="list-style-type: none"> <li>1. Demonstrates competence in writing scripts.</li> <li>2. Uses acting skills.</li> <li>3. Designs and produces informal and formal productions.</li> <li>4. Directs scenes and productions.</li> </ol>
Visual Arts	<ol style="list-style-type: none"> <li>1. Understands and applies media, techniques, and processes related to the visual arts</li> <li>2. Knows how to use structures (e.g., sensory qualities, organizational principles, expressive features) and functions of art</li> <li>3. Knows a range of subject matter, symbols, and potential ideas in the visual arts</li> <li>5. Understands the characteristics and merits of one's own artwork and the artwork of others</li> </ol>	<ol style="list-style-type: none"> <li>1. Understands and applies media, techniques, and processes related to the visual arts</li> <li>2. Knows how to use structures (e.g., sensory qualities, organizational principles, expressive features) and functions of art</li> <li>3. Knows a range of subject matter, symbols, and potential ideas in the visual arts</li> <li>5. Understands the characteristics and merits of one's own artwork and the artwork of others</li> </ol>		<ol style="list-style-type: none"> <li>1. Understands and applies media, techniques, and processes related to the visual arts</li> <li>2. Knows how to use structures (e.g., sensory qualities, organizational principles, expressive features) and functions of art</li> <li>3. Knows a range of subject matter, symbols, and potential ideas in the visual arts</li> <li>5. Understands the characteristics and merits of one's own artwork and the artwork of others</li> </ol>	<ol style="list-style-type: none"> <li>1. Understands and applies media, techniques, and processes related to the visual arts</li> <li>2. Knows how to use structures (e.g., sensory qualities, organizational principles, expressive features) and functions of art</li> <li>3. Knows a range of subject matter, symbols, and potential ideas in the visual arts</li> <li>4. Understands the visual arts in relation to history and cultures</li> <li>5. Understands the characteristics and merits of one's own artwork and the artwork of others</li> </ol>

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Behavioral Studies	<p>1. Understands that group and cultural influences contribute to human development, identity, and behavior.</p> <p>3. Understands that interactions among learning, inheritance, and physical development affect human behavior.</p> <p>4. Understands conflict, cooperation, and interdependence among individuals, groups, and institutions.</p>	<p>1. Understands that group and cultural influences contribute to human development, identity, and behavior.</p> <p>3. Understands that interactions among learning, inheritance, and physical development affect human behavior.</p> <p>4. Understands conflict, cooperation, and interdependence among individuals, groups, and institutions.</p>	<p>1. Understands that group and cultural influences contribute to human development, identity, and behavior.</p> <p>3. Understands that interactions among learning, inheritance, and physical development affect human behavior.</p> <p>4. Understands conflict, cooperation, and interdependence among individuals, groups, and institutions.</p>	<p>1. Understands that group and cultural influences contribute to human development, identity, and behavior.</p> <p>3. Understands that interactions among learning, inheritance, and physical development affect human behavior.</p> <p>4. Understands conflict, cooperation, and interdependence among individuals, groups, and institutions.</p>	<p>1. Understands that group and cultural influences contribute to human development, identity, and behavior.</p> <p>3. Understands that interactions among learning, inheritance, and physical development affect human behavior.</p> <p>4. Understands conflict, cooperation, and interdependence among individuals, groups, and institutions.</p>
Self Regulating	<p>1. Sets and manages goals</p> <p>2. Performs self-appraisal</p> <p>3. Considers risks</p> <p>4. Demonstrates perseverance</p> <p>5. Maintains a healthy self-concept</p> <p>6. Restrains impulsivity</p>	<p>1. Sets and manages goals</p> <p>2. Performs self-appraisal</p> <p>3. Considers risks</p> <p>4. Demonstrates perseverance</p> <p>5. Maintains a healthy self-concept</p> <p>6. Restrains impulsivity</p>	<p>1. Sets and manages goals</p> <p>2. Performs self-appraisal</p> <p>3. Considers risks</p> <p>4. Demonstrates perseverance</p> <p>5. Maintains a healthy self-concept</p> <p>6. Restrains impulsivity</p>	<p>1. Sets and manages goals</p> <p>2. Performs self-appraisal</p> <p>3. Considers risks</p> <p>4. Demonstrates perseverance</p> <p>5. Maintains a healthy self-concept</p> <p>6. Restrains impulsivity</p>	<p>1. Sets and manages goals</p> <p>2. Performs self-appraisal</p> <p>3. Considers risks</p> <p>4. Demonstrates perseverance</p> <p>5. Maintains a healthy self-concept</p> <p>6. Restrains impulsivity</p>

<b>Standards</b>	<b>Rising Stars!™ Challenge: ... More To The Story!</b>
Life Work	<ul style="list-style-type: none"> <li>1. Makes Effective Use of Tools</li> <li>6. Makes effective use of basic life skills.</li> <li>7. Displays reliability and a basic work ethic.</li> <li>8. Operates effectively within organizations</li> </ul>
Thinking & Reasoning	<ul style="list-style-type: none"> <li>2. Understands and applies basic principles of logic and reasoning.</li> <li>3. Effectively uses mental processes that are based on identifying similarities and differences.</li> <li>5. Applies basic trouble-shooting and problem-solving techniques</li> <li>6. Applies decision-making techniques</li> </ul>
Working With Others	<ul style="list-style-type: none"> <li>1. Contributes to the overall effort of a group</li> <li>2. Uses conflict-resolution techniques</li> <li>3. Works well with diverse individuals and in diverse situations.</li> <li>4. Displays effective interpersonal communication skills.</li> <li>5. Demonstrates leadership skill.</li> </ul>
Listening & Speaking	<ul style="list-style-type: none"> <li>8. Uses listening and speaking strategies for different purposes</li> </ul>
Reading	<ul style="list-style-type: none"> <li>5. Uses the general skills and strategies of the reading process</li> <li>6. Uses reading skills and strategies to understand and interpret a variety of literary texts</li> </ul>
Writing	<ul style="list-style-type: none"> <li>1. Uses the general skills and strategies of the writing process</li> </ul>
Mathematics	<ul style="list-style-type: none"> <li>1. Uses a variety of strategies in the problem-solving process.</li> <li>9. Understands the general nature and uses of mathematics.</li> </ul>
Theater	<ul style="list-style-type: none"> <li>2. Uses acting skills.</li> <li>3. Designs and produces informal and formal productions.</li> </ul>
Visual Art	<ul style="list-style-type: none"> <li>5. Understands the characteristics and merits of one's own artwork and the artwork of others</li> </ul>
Behavioral Studies	<ul style="list-style-type: none"> <li>4. Understands conflict, cooperation, and interdependence among individuals, groups, and institutions.</li> </ul>
Self Regulating	<ul style="list-style-type: none"> <li>1. Sets and manages goals</li> <li>2. Performs self-appraisal</li> <li>3. Considers risks</li> <li>4. Demonstrates perseverance</li> <li>5. Maintains a healthy self-concept</li> <li>6. Restrains impulsivity</li> </ul>

Additionally, the teams might address the Dance Standards, Music Standards, and Physical Education Standards in their *Side Trips*.

Dance Standards:

1. Identifies and demonstrates movement elements and skills in performing dance.
2. Understands choreographic principles, processes, and structures
3. Understands dance as a way to create and communicate meaning
4. Applies critical and creative thinking skills in dance
5. Understands dance in various cultures and historical periods
6. Understands connections between dance and healthful living

Music Standards:

1. Sings, alone and with others, a varied repertoire of music
2. Performs on instruments, alone and with others, a varied repertoire of music
3. Improvises melodies, variations, and accompaniments
4. Composes and arranges music within specified guidelines
5. Reads and notates music
6. Knows and applies appropriate criteria to music and music performances
7. Understand the relationship between music and history and culture

Physical Education Standards

1. Uses a variety of basic and advanced movement forms
2. Uses movement concepts and principles in the development of motor skills
3. Understands the benefits and costs associated with participation in physical activity
4. Understands how to monitor and maintain a health-enhancing level of physical fitness
5. Understands the social and personal responsibility associated with participation in physical activity

*This information has been compiled for Destination Imagination, Inc. by Lindy Redmond, consultant to Destination Imagination, Inc.*