The introduction of interactive boards in classrooms can bring about several changes in teaching and learning strategies, enhancing the overall educational experience. Here are some ways in which these changes may manifest:

1. **Enhanced Engagement:**
   * Interactive boards capture students' attention by offering visually stimulating and interactive content.
   * Teachers can incorporate gamified elements, quizzes, and interactive exercises to make learning more engaging.
2. **Dynamic Presentations:**
   * Teachers can create dynamic and multimedia-rich presentations, incorporating videos, animations, and simulations to illustrate complex concepts.
   * This multimedia approach caters to various learning styles and enhances understanding.
3. **Real-Time Collaboration:**
   * Interactive boards facilitate collaborative learning. Students can work together on projects, solve problems, and present their findings to the class.
   * Teachers can encourage real-time collaboration, fostering communication and teamwork skills.
4. **Adaptability to Learning Styles:**
   * Interactive boards allow for differentiated instruction. Teachers can tailor lessons to accommodate different learning styles and pace, ensuring that diverse student needs are met.
5. **Immediate Feedback:**
   * Teachers can use interactive quizzes and polls to gauge student understanding instantly.
   * Immediate feedback enables teachers to address misconceptions promptly and adapt their teaching strategies accordingly.
6. **Interactive Learning Activities:**
   * Interactive boards support a variety of learning activities such as drag-and-drop exercises, virtual labs, and simulations.
   * These activities provide hands-on learning experiences, making abstract concepts more tangible.
7. **Digital Annotation:**
   * Teachers can annotate directly on the interactive board, emphasizing key points, drawing diagrams, or highlighting important information during lessons.
   * This feature helps in clarifying concepts and focusing students' attention on key details.
8. **Access to Online Resources:**
   * Interactive boards can be connected to the internet, allowing teachers to access a wealth of online resources in real-time.
   * Teachers can integrate the latest information, news, and educational content into their lessons.
9. **Student-Centered Learning:**
   * Interactive boards empower students to take an active role in their learning. They can manipulate content, participate in discussions, and even lead presentations.
   * This shift towards student-centered learning encourages autonomy and critical thinking.
10. **Recorded Lessons:**
    * Teachers can record interactive lessons for students to review at their own pace.
    * Recorded lessons provide a valuable resource for students who may need additional review or who miss a class.
11. **Incorporation of Augmented Reality (AR) and Virtual Reality (VR):**
    * Some interactive boards support AR and VR applications, allowing for immersive learning experiences.
    * Students can explore virtual environments or interact with 3D models, deepening their understanding of subjects like history, science, or geography.
12. **Flipped Classroom Models:**
    * Interactive boards support the flipped classroom approach, where students review instructional content outside of class and engage in interactive activities during class time.
    * This model allows for more personalized attention and application of knowledge.

The integration of interactive boards transforms traditional teaching methods, making education more interactive, adaptable, and student-centered. It opens up new possibilities for educators to create dynamic, engaging, and effective learning environments.