

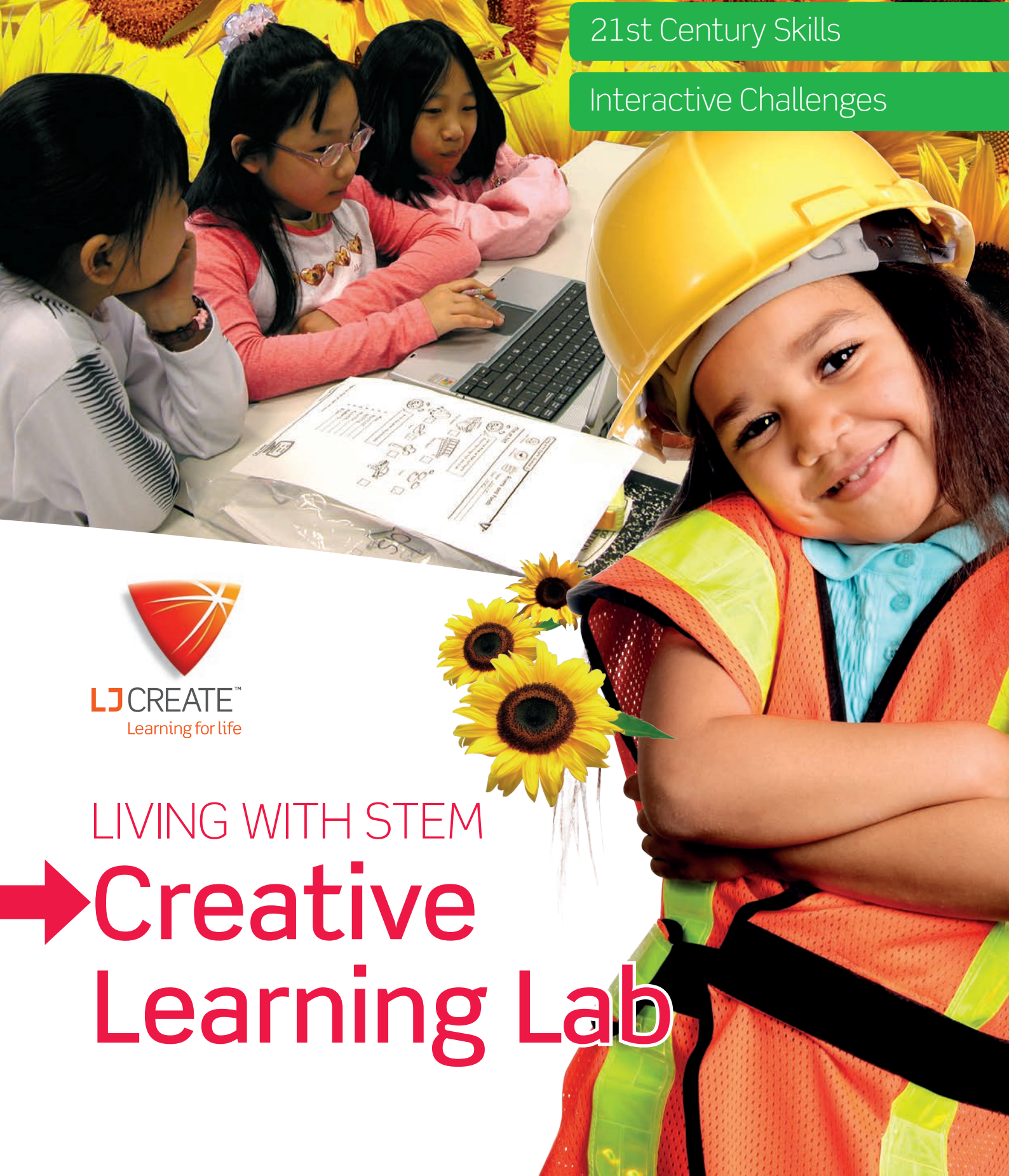
Grow a passion for STEM through

Living With STEM

Hands-On Learning

21st Century Skills

Interactive Challenges



**LJ CREATE™**  
Learning for life

LIVING WITH STEM

➔ **Creative  
Learning Lab**



# → Creative Learning Lab

## STEM Environment

Our Creative Learning Labs support the development of creative, critical-learning skills for young students aged 5-11. A mix of **interactive software** and associated **equipment kits** are perfect for self-paced individualised instruction.

Whole-class or group presentations  
(led by teacher and using interactive on-screen applications)

Group design and building projects

Individualised on-screen instruction with hands-on investigations

Digital Library Lessons





The labs include a range of equipment packs for hands-on investigations



## 20 STATION TOPICS

- |                   |                               |                        |
|-------------------|-------------------------------|------------------------|
| 1. Anatomy        | 8. Forces                     | 15. Tables and Charts  |
| 2. Plants         | 9. Energy                     | 16. Personal Finance   |
| 3. Land Formation | 10. Electricity and Magnetism | 17. Area and Volume    |
| 4. Rocks          | 11. Waves                     | 18. Engineering Design |
| 5. The Sun        | 12. Temperature               | 19. Robotics           |
| 6. Soil and Water | 13. Arithmetic                | 20. Structures         |
| 7. Materials      | 14. Fractions                 |                        |

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## Lesson Topics

Our Creative Learning Labs include access to **800 lessons**, all tracked and managed in our LMS. The lessons feature topic presentations, hands-on activities, and student assessments. See below for a small sample of the topics available:

### STEM Practice

- Starting Science
- Doing Science
- Science and Scientists
- Safety

### Engineering and Design

- Robotics
- Engineering Design
- Introduction to Engineering
- Ideas from Nature in Design

### Matter and Energy

- Properties of Objects
- Heating and Cooling
- Heating and Cooling Water
- Heat Transfer

### Force, Motion, and Energy

- Describing Position
- Describing Movement
- Tracking Movement
- Recording Movement

### Mathematics

- Taking Apart Big Numbers
- Building Number Lines
- Place Value
- Number Lines

### Earth and Space

- Water
- Water Sources
- Using Water
- Water Cycle

### Organisms and Environment

- It is Alive
- Basic Needs of Plants
- Sorting Animals
- Sorting Plants

### English Language Skills

- Using Common Nouns and Verbs
- Understanding and Using Plural Nouns
- Learning to Use Question Words
- Prepositions

