

## WHAT TO STUDY

## VIDEO PREP

### OCTOBER

#### Week One:

- Team Coordinator Registers
- I. Sustainability
- II. Science-A Way of Thinking

#### Week Two:

- III. Measurement
- X. Lab Equipment
- XI. Laboratory & Chemical Safety

#### Week Three:

- IV. Classification of Matter
- V. Atomic Structure
- VI. Periodic Table & Forces of Attraction

#### Week Four:

- VII. Chemical Bonding
- VIII. Chemical Reactions
- IX. Radioactivity & Nuclear Reactions

#### Week One:

- Form Team

#### Week Two:

- Explore Concepts

#### Week Three:

- Continue Exploring Concepts

#### Week Four:

- Each team member comes up with 3 potential problems

### NOVEMBER

#### Week One:

- Review your hardest sections in the study guide

#### Week Two:

- Interactive Academy Section I & II

#### Week Three:

- Interactive Academy Section III & IV

#### Week Four:

- Interactive Academy Section V & VI

#### Week Five:

- Interactive Academy Section VII & VIII

#### Week One:

- Each team member continues to come up with 3 problems to present to the team

#### Week Two:

- Begin discussing all 12 problems

#### Week Three:

- Choose the problem the team wants to solve

#### Week Four-Five:

- Each team member comes up with 2 solutions for the chosen problem including sustainability

### DECEMBER

#### Week One:

- Interactive Academy Section IX, X, & XI

#### Week Two:

- Review your hardest sections

#### Week Three:

- Prepare for Qualifier

#### Week Four-Five:

- Review using Additional Study Material

#### Week One:

- Begin discussing all 8 solutions

#### Week Two:

- Choose the solution the team wants to use

#### Week Three:

- Develop a company name, mission, & vision

#### Week Four:

- Determine the 3 jobs you want to highlight

#### Week Five:

- Begin working on the Storyboard

## WHAT TO STUDY

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### JANUARY

**Week One:**

Review your hardest sections

I. Sustainability

II. Science-A Way of Thinking

**Week Two:**

III. Measurement

X. Lab Equipment

XI. Laboratory & Chemical Safety

**Week Three:**

IV. Classification of Matter

V. Atomic Structure

VI. Periodic Table & Forces of Attraction

**Week Four:**

VII. Chemical Bonding

VIII. Chemical Reactions

IX. Radioactivity & Nuclear Reactions

**Week Five:**

Interactive Academy Section I & II

**Week One:**

Continue working on your Storyboard

**Week Two:**

Get feedback on your Storyboard from your Team Coordinator

**Week Three-Four:**

Shoot Video

**Week Five:**

Edit Video

### FEBRUARY

**Week One:**

Interactive Academy Section III & IV

**Week Two:**

Interactive Academy Section V & VI

**Week Three:**

Interactive Academy Section VII & VIII

**Week Four:**

Interactive Academy Section IX, X, & XI

**Week One:**

Continue editing Video

**Week Two:**

Submit Video to Team Coordinator for Review

**Week Three-Four:**

Make changes to your Video

### MARCH

Final Regional Challenges at the beginning of the month

Make your final changes  
Submit your Video & Storyboard by March 20th

### APRIL

Video Evaluators review and score videos. Video and Regional scores are combined.

### MAY

State Winners and National Finalist Announced at the beginning of the month.  
National Finalist prepare for the National Challenge

### JUNE

National Challenge June 2<sup>nd</sup> – 3<sup>rd</sup> in Houston, TX