



## HACK ATTACK MISSION

### Social Media

- Check Yourself (Sc)\*
- Driving the Traffic (M)\*
- To the Ends of the Earth (E)\*
- Who is Watching You? (SS)\*

### Mobile Applications

- Design Your App! (Sc)
- DIY App Math (M)
- Hot Spots are Not! (E)
- Misdirection (SS)

### Cloud Computing

- How Big is BIG? (M)
- It's Not Just a Nimbus (E)
- Protecting the Cloud (Sc)
- The History of Cloud Computing (SS)

### Cyber Security

- Are You a Target? (SS)
- Breaking the Language (E)
- The Math of Security (M)
- The Business of Security (Sc)

### Robot Development Kit

- Controlling Your World (SS)
- If you Build It (E)
- Sensory Overload (M)
- Simple and Compound Machines (Sc)

### Web Developer

- Oh, Sweet Phi (M)
- The First Website (SS)
- The Story of a Site (E)
- Three Second Rule (Sc)

### Data Scientist

- Female Firsts in Computer Engineering (SS)
- IQ vs. AI (E)
- It's All in the Stats (M)
- Mining for More than Gold (Sc)

### Information Security Specialist

- Don't Open the Door (Sc)
- If I Were a Hacker (E)
- It Could Happen to You (SS)
- Spreading the Bugs (M)

### Software Engineer

- Pushing the Limit (Sc)
- The Journey Begins with a Line of Code (M)
- The Language of Code (E)
- The Power of Possibilities (SS)

### UI/UX Designer

- Creating a Visual Interface (Sc)
- Getting the Message Write (E)
- Sizing Up the Competition (M)
- Translating our Meaning (SS)

## FLU OUTBREAK MISSION

### Big Data

- Big Data Technology (Sc)
- Examining Data-Expanding Exabyte's (M)
- How Social Media Gathers Data (SS)
- What is Big Data? (E)

### Social Media

- Changing the Way We Communicate (E)
- Extra, Extra, Read All About It! (SS)
- Predicting the Future with Social Media (M)
- Social Media Networks (Sc)

### Computers and Data

- The Computer Age (SS)
- What is a CPU? (Sc)
- Charles Babbage: The Father of Computing (E)
- Chart It Up - The Best Way to Display Data (M)

### Database Administrator

- A Day in the Life, Database Administrator (E)
- Adding It Up with a Program (M)
- Computer Languages (SS)
- Small Bytes - How Does a CD Work? (Sc)

## RESCUE ROBOT MISSION

### Computers

- A Supercomputer in Your Pocket (M)
- Communicating with Computers (E)
- Making Memory (Sc)
- The Computer Age (SS)

### Computer Programmer

- A Day in the Life, Computer Programmer (E)
- Programming Logic (M)
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- It's Not Just a Nimbus (E)
- Protecting the Cloud (Sc)
- The History of Cloud Computing (SS)

### Cyber Security

- Are You a Target? (SS)
- Breaking the Language (E)
- The Math of Security (M)
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### Robot Development Kit

- Controlling Your World (SS)
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## FLU OUTBREAK MISSION

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- Big Data Technology (Sc)
- Examining Data-Expanding Exabyte's (M)
- How Social Media Gathers Data (SS)
- What is Big Data? (E)

### Social Media

- Changing the Way We Communicate (E)
- Extra, Extra, Read All About It! (SS)
- Predicting the Future with Social Media (M)
- Social Media Networks (Sc)

### Computers and Data

- The Computer Age (SS)
- What is a CPU? (Sc)
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- A Day in the Life, Database Administrator (E)
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- The Math of Security (M)
- The Business of Security (Sc)

### Robot Development Kit

- Controlling Your World (SS)
- If you Build It (E)
- Sensory Overload (M)
- Simple and Compound Machines (Sc)

### Web Developer

- Oh, Sweet Phi (M)
- The First Website (SS)
- The Story of a Site (E)
- Three Second Rule (Sc)

### Data Scientist

- Female Firsts in Computer Engineering (SS)
- IQ vs. AI (E)
- It's All in the Stats (M)
- Mining for More than Gold (Sc)

### Information Security Specialist

- Don't Open the Door (Sc)
- If I Were a Hacker (E)
- It Could Happen to You (SS)
- Spreading the Bugs (M)

### Software Engineer

- Pushing the Limit (Sc)
- The Journey Begins with a Line of Code (M)
- The Language of Code (E)
- The Power of Possibilities (SS)

### UI/UX Designer

- Creating a Visual Interface (Sc)
- Getting the Message Write (E)
- Sizing Up the Competition (M)
- Translating our Meaning (SS)

## FLU OUTBREAK MISSION

### Big Data

- Big Data Technology (Sc)
- Examining Data-Expanding Exabyte's (M)
- How Social Media Gathers Data (SS)
- What is Big Data? (E)

### Social Media

- Changing the Way We Communicate (E)
- Extra, Extra, Read All About It! (SS)
- Predicting the Future with Social Media (M)
- Social Media Networks (Sc)

### Computers and Data

- The Computer Age (SS)
- What is a CPU? (Sc)
- Charles Babbage: The Father of Computing (E)
- Chart It Up - The Best Way to Display Data (M)

### Database Administrator

- A Day in the Life, Database Administrator (E)
- Adding It Up with a Program (M)
- Computer Languages (SS)
- Small Bytes - How Does a CD Work? (Sc)

## RESCUE ROBOT MISSION

### Computers

- A Supercomputer in Your Pocket (M)
- Communicating with Computers (E)
- Making Memory (Sc)
- The Computer Age (SS)

### Computer Programmer

- A Day in the Life, Computer Programmer (E)
- Programming Logic (M)
- Bits and Bytes (Sc)
- The Information Age (SS)

For more information contact [Ray@learningblade.com](mailto:Ray@learningblade.com)

\* denotes core subject area (Sc= Science, M=Mathematics, E= English, SS=Social Studies)

# Computer Science Lessons in Learning Blade



## HACK ATTACK MISSION

### Social Media

- Check Yourself (Sc)\*
- Driving the Traffic (M)\*
- To the Ends of the Earth (E)\*
- Who is Watching You? (SS)\*

### Mobile Applications

- Design Your App! (Sc)
- DIY App Math (M)
- Hot Spots are Not! (E)
- Misdirection (SS)

### Cloud Computing

- How Big is BIG? (M)
- It's Not Just a Nimbus (E)
- Protecting the Cloud (Sc)
- The History of Cloud Computing (SS)

### Cyber Security

- Are You a Target? (SS)
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