



## ISTE STANDARDS AND CROSSWALK

### 1.1 Empowered Learner

Students leverage technology to take an active role in choosing, achieving, and demonstrating competency in their learning goals, informed by the learning sciences.

### 2.1 Digital Citizen

Students recognize the rights, responsibilities and opportunities of living, learning and working in an interconnected digital world, and they act and model in ways that are safe, legal and ethical.

### 3.1 Knowledge Constructor

Students critically curate a variety of resources using digital tools to construct knowledge, produce creative artifacts and make meaningful learning experiences for themselves and others.

### 4.1 Innovative Designer

Students use a variety of technologies within a design process to identify and solve problems by creating new, useful or imaginative solutions.

### 5.1 Computational Thinker

Students develop and employ strategies for understanding and solving problems in ways that leverage the power of technological methods to develop and test solutions.

### 6.1 Creative Communicator

Students communicate clearly and express themselves creatively for a variety of purposes using the platforms, tools, styles, formats and digital media appropriate to their goals.

### 7.1 Global Collaborator

Students use digital tools to broaden their perspectives and enrich their learning by collaborating with others and working effectively in teams locally and globally.

### What is a drone?



1.2.c, 1.3.a, 1.3.b, 1.3.c  
1.4.a, 1.4.b, 1.4.c 1.5.c  
1.6.a, 1.6.c, 1.6.d 1.7.b, 1.7.c

### History of Drones



1.2.c, 1.3.a, 1.3.b, 1.3.c, 1.3.d  
1.6.a, 1.6.b, 1.6.d 1.7.c

### How Drones Fly?



1.4.a, 1.4.b, 1.4.c  
1.5.c

### Anatomy of an Aerial Drone



1.2.c, 1.3.a  
1.4.a, 1.4.b, 1.4.c 1.6.c, 1.6.d  
1.7.b, 1.7.c

### Applications of Drones



1.2.c, 1.3.a, 1.3.b, 1.3.c  
1.6.a, 1.6.d

### Careers in Uncrewed Systems



1.2.c, 1.3.a, 1.3.b, 1.3.c, 1.3.d 1.6.a, 1.6.b, 1.6.d

### Drone Safety and Regulations



1.2.c, 1.3.a, 1.3.b, 1.3.c, 1.3.d  
1.6.a, 1.6.b, 1.6.c, 1.6.d

### Obtain your FAA TRUST Certificate

