

2008 Oklahoma Technology Education Material/Equipment Worksheet 2009

Required Instructional Materials/Equipment:

- I. Proper equipment and supplies for all classes. V. email access
- II. At least one module per cluster area
- III. A wireless web cam, or video web system
- IV. Phone and internet access in the room and or lab.

1 Agriculture, Food and Natural Resources

- A) Bio-Related Technology -
 - Applied Technologies (\$1,795.00)
 - Depco (\$2,900.00)
 - Hearlihy (\$1,495.00)
 - Pitsco (\$2,060.00-3,430.00)
- B) John Deere North American Farmer -
 - Amazon (\$10.00-20.00)
- C) Aquaculture/Hydroponics -
 - Applied Technologies (\$1,960.00 - 3,995.00)
 - Pitsco (\$4,570.00)
 - Depco (\$1,050.00 - 4,200.00)
- D) Landscape Design -
 - Applied Technologies (\$1,795.00)
 - Depco (\$2,400.00 - 5,400.00)
- E) Horticulture -
 - Applied Technologies (\$1,995.00)
 - Depco (\$1,500.00)
 - Pitsco (\$3,600.00)
- F) Plant Growth/Science -
 - Applied Technologies (\$2,295.00)
 - Pitsco (\$4,750.00)
 - Depco (\$1,575.00)
- G) Environmental Technology -
 - Advanced Technologies (\$1,495.00 - 1,595.00)
 - Pitsco (\$3,030.00 - 3,430.00)

2 Arts, A/V Technology & Communication

- A) Video Production -
 - Hughes Pictures (\$1,000.00 - 4,000.00)
 - Pitsco (\$3,430.00)
- B) Digital Video Production -
 - Applied Technologies (\$1,295.00 - 1,395.00)
 - Hearlihy (\$5,695.00)
 - Hughes Pictures (\$1,000.00 - 4,000.00)
 - Depco (\$2,600.00 - 3,995.00)
 - Pitsco (\$3,430.00)
- C) Audio Production -
 - Applied Technologies (\$2,495.00)
 - Hearlihy (\$595.00)
 - Pitsco (\$2,790.00)
 - Depco (\$2,000.00)
- D) Screen Printing -

Depco (\$3,600.00 - 3,700.00)

Welch (\$155.00 - 255.00)

E) Sublimation Printing -

Welch (\$155.00 - 255.00)

F) Graphic Design -

Depco (\$3,600.00)

Pitsco (\$1,570.00)

G) Digital Photography -

Hearlihy (\$1,050.00)

Depco (\$3,200.00)

H) Telecommunications -

I) Animation -

Depco (\$1,850.00)

Hearlihy (\$795.00)

Pitsco (\$3,030.00)

J) Video Game Design -

Autodesk

3 Architecture & Construction

A) Computer Aided Drafting -

Hearlihy (\$1,895.00)

Depco (\$1,350.00)

Pitsco (\$2,060.00)

B) Plumbing -

Advanced Technologies (\$3,195.00)

Hearlihy (\$2,295.00)

Depco (\$2,400.00)

C) Electricity -

Advanced Technologies (\$3,195.00-3,650.00)

Hearlihy (\$2,495.00)

Pitsco (\$2,060.00)

Depco (\$2,300.00)

D) Residential Carpentry (Tech Connect)

CIMC (\$26.00 - 34.00)

E) Residential Construction -

Hearlihy (\$3,295.00)

Pitsco (\$1,700.00)

Depco (\$2,500.00)

F) Structural Engineering -

Pitsco (\$2,060.00)

4 Business Management & Administration/Finance

A) Financial Literacy -

CIMC (\$13.00 - 19.00)

Hearlihy (\$895.00)

The Real Game (\$250.00)

B) Virtual Business - Personal Finance -

Knowledge Matters (\$445.00-1395.00)

C) Virtual Business/Virtual Stadium -

Knowledge Matters (\$345.00-1295.00)

D) Computer Applications -

Depco (\$2,000.00)

E) Personal Finance -

Pitsco (\$1,450.00)

Depco (\$1,500.00)

F) Stock Market -

G) Desktop Publishing -

Advanced Technologies (\$2,450.00 - 2,495.00)

Depco (\$2,500.00)

Hearlihy (\$1,395.00)

H) Accounting -

Depco (\$1,350.00)

I) Sim City 4

Amazon.com (\$ 38.99)

Best Buy (\$ 39.99)

EA Games (\$29.95) Online download only

GameStop (\$ 39.99)

Wal-Mart (\$ 39.94)

5 Education & Training

A) LEAP - (Must take the training course/curriculum is free)

B) Career Assessment Software

OKCIS (250.00)

Kuder (\$ per user)

6 Health Sciences/Human Services

A) Sim Doctor -

B) First Aid -

C) Grossology -

CIMC (Vol. 1 & Vol. 2 \$49.95 each)

D) Child Care -

Hearlihy (\$2,495.00)

Depco (\$2,900.00)

E) Healthcare -

Advanced Technologies (\$1,995.00 - 2,095.00)

Depco (\$3,600.00)

Pitsco (\$4,110.00)

F) Mystery Health Career Exploration

CIMC (\$14.00)

7 Hospitality & Tourism/Marketing, Sales & Service

A) Embroidery -

Applied Technologies (\$4,395.00 - 4,595.00)

Depco (\$5,100.00)

Pitsco (\$1,330.00)

B) Culinary Arts -

Pitsco (\$3,030.00)

Depco (\$2,500.00)

- C) Virtual Makeover -
Depco (\$2,400.00)
- D) Entrepreneurship -
EnterprisePrep (\$600.00)
Pitsco (\$1,570.00)
Depco (\$1,800.00)
- E) Marketing -
Depco (\$1,800.00)
- F) Hospitality
Depco (\$2,200.00)

8 Information Technology

- A) Computer Software Applications -
- B) Web Page Design -
Pitsco (\$1,570.00)
Depco (\$2,000.00)
- C) Fundamentals of IT -
Advanced Technologies (\$1008.00)
Depco (\$2,995.00)
- D) Network Fundamentals -
Advanced Technologies (\$1345.00-2460.00)
Depco (\$2,995.00)
- E) Electronics/Electricity -
Advanced Technologies (\$3,195.00 - 4,295.00)
Hearlihy (\$795.00)
Pitsco (\$1,330.00)
Depco (\$3,500.00)
- F) Computer Assembly/Repair -
Advanced Technologies (\$3,795.00)
- G) Internet -
Advanced Technologies (\$750.00)

9 Law, Public Safety, Corrections & Security/Government & Public Administration

- A) Crime Scene Investigation -
- B) Driver Safety -
- C) Criminology -
Depco (\$3,200.00)
Hearlihy (\$1,495.00)
- D) Sim City 4
EA Games (\$)

10 Manufacturing

- A) CNC Mill -
Applied Technologies (\$1,295.00 - 1,395.00) Benchtop Lathe \$7,895.00
Depco (\$9,100.00)
- B) Welding -
- C) Plastics Technology -
Advanced Technologies (\$8,495.00)
Hearlihy (\$4,995.00)

- Depco (\$6,500.00)
- D) Pneumatics/PLC -
 - Depco (\$7,350.00)
- E) CAD Systems -
 - Depco (\$1,350.00)
- F) Control Robotics/Programming -
 - Pitsco Lego Dacta (\$265.00)
- G) Materials and Processes -
 - Hearlihy (\$795.00)
 - Depco (\$8,000.00)
- H) Sheet Metal
 - CIMC (\$7.00 - 26.00)

11 Science, Technology, Engineering & Mathematics

- A) NXT Mindstorm-
 - Lego/Pitsco (\$265.00-500.00)
- B) Robotics -
 - Applied Technologies (\$2,195.00 - 2,995.00 Robotic Arm not included)
 - Hearlihy (\$1,595.00)
 - Depco (\$1,300.00)
- C) Structural Engineering -
 - Applied Technologies (\$3,395.00 - 3,995.00)
 - Hearlihy (\$995.00)
 - Depco (\$3,500.00)
- D) Meterology -
 - Advanced Technologies (\$1,950.00 - 2,365.00)
 - Hearlihy (\$1,195.00)
 - Depco (\$3,800.00)
- E) Alternate Energy -
 - Hearlihy (\$1,495.00)
- F) Measurement -
 - Applied Technologies (\$1,495.00 - 2,295.00)
 - Hearlihy (\$ 995.00)
- G) Material Science
 - Depco (\$8,000.00)

12 Transportation, Distribution & Logistics

- A)Metric500Kit-
 - AdvancedTechnologies(\$1,575.00)
 - Depco (\$1,950.00 - 11,500.00)
 - Hearlihy (\$895.00)
 - Pitsco (\$00.00)
- B)18WheelsofSteelAmericanLongHaul-
 - <http://www.americanlonghaul.com/>
- C)LandTransportation(CrossCountry)
 - Hearlihy(\$1,895.00)
- D)CarBuilderDeluxe-
 - <http://www.stickybear.com/science-skills/cbd.htm>
- E)Flight Simulator-

Depco(\$2,000.00)

F) Rocketry-

<http://www.estesrockets.com/>

Depco(\$2,400.00)

G) Small Gasoline Engines-

Hearlihy(\$2,495.00)

Depco(\$3,700.00)

H) Truck Builder-

<http://www.stickybear.com/>

I) Automotive Design-

Hearlihy(\$2,995.00)

J) Global Positioning-

Advanced Technologies(\$2,250.00-3,595.00)

Depco(\$2,300.00)

Vendors

AC Supply	http://www.acsupplyco.com/home.htm
Applied Technologies	http://www.applied-technologies.com/
Advanced Technologies	www.advancedtechnologies.net
CIMC	www.okcareertech.org/cimc/
Depco	http://www.depcollc.com/
EA Games	http://simcity.ea.com/index.php
Estes	http://www.estesrockets.com/
Gibson Tech Ed, Inc.	http://www.gssteched.com/index.html
Hearlihy	http://www.hearlihy.com/Default.aspx?bhcp=1
Hello Direct	http://www.hellodirect.com/hellodirect/Shop
Hughes Pictures	www.hughespictures.com
Kuder	http://www.kuder.com/
Lab Volt	http://www.labvolt.com/
Lego Education	http://www.legoeducation.com/global.aspx
PCS Edventures	http://edventures.com/imssc/nsimssc/
Pitsco	http://www.pitsco.com/
Optimum Resource	http://www.stickybear.com/science-skills/cbd.htm
The Real Game	http://www.realgame.com/
Value Soft	http://www.americanlonghaul.com/
Welsh Products, Inc.	http://www.welshproducts.com/
William Gill & Associates	http://www.wmrgill.com/

CLASSROOM MANAGEMENT

Deep Freeze

25 wkstn=287.75(11.51 each)

Fortress

Single 59.00

Unltd 685.00

InSight

Classroom = 599.00

Net Op

Net Support

<http://www.netsupport-inc.com/>

Vision

SITE<1000 = 3999.00 SITE>1000 = 4499.00

LAB (2) = 999.00

Websense

<http://www.websense.com/global/en/>

Video Conferencing Equipment (Polycom)

Hello Direct (\$1,999.99 - 3,499.99)

Resources

www.edheads.com

www.mymoola.org

www.ciconline.org/elections

www.instructables.com

www.kidwind.org

www.expresspcb.com/

www.thefutureschannel.com

www.hoverclubofamerica.org/

www.ncsu.edu/project/graphicscourse/gc/acadtut/acadtut-home.html

www.need.org/curriculum.php

www.racemath.info/Index.htm

www.incwell.com/MathScience/LessonPlans-Science.html

www.spartechsoftware.com/reeko/Experiments/ExpMakingSparks2.htm

www.cln.org/themes/recycle.html

www.education-world.com/a_lesson/lesson308.shtml

<http://ldd.lego.com/download/>

<http://www.globalspec.com/trebuchet/>

www.facethewind.com/tornsim/open_air/

www.learnandserve.org/

http://www.thefutureschannel.com/dockets/science_technology/wind_farming/

<http://www.mos.org/designchallenges/index.php>

<http://www.crackingideas.com/site/>

<http://mielsvr2.ecs.umass.edu/tutors/mainmenu.html>

<http://www.teachersdomain.org/>

<http://www.cncci.com/index.html>

<http://www.freeplaymusic.com/>

<http://www.greatbuildings.com/>

<http://www.falstad.com/mathphysics.html>

<http://www.platformshoes.org/online.html>

<http://kmoddl.library.cornell.edu/>

<http://exploration.grc.nasa.gov/education/rocket/Downloads/index.htm>

<http://exploration.grc.nasa.gov/education/rocket/shortr.html>

<http://www.homesofourown.org/class.asp>

<http://invention.smithsonian.org/video/default.aspx>

<http://www.pbs.org/wgbh/buildingbig/>

Health Simulations

Financial Literacy

Government

STEM

STEM

Information Technology

Architecture & Construction

Transportation

Transportation

Agriculture

Agriculture

STEM

STEM

STEM

Government

STEM

STEM

Manufacturing

Manufacturing

Arts, AV

Arts, AV

STEM

Architecture, Construction

http://www.sae.org/servlets/index	Transportation/STEM
http://www.instructables.com/id/Launch-It%3a-The-Improved-CD-Hovercraft./	
http://www.pbs.org/wgbh/nova/bridge/	Construction/STEM
http://www.computerhistory.org/	
http://www.nhra.com/	Transportation
http://www.arrickrobotics.com/automation.html	
http://www.imp.mtu.edu/	STEM
http://www.mypilotstore.com/	Transportation
http://www.school-video-news.com/	Arts, AV
http://desktoppub.about.com/od/fonts/p/schoolfree.htm	
http://www.cardboardboatregatta.org/	Transportation
http://www.rubemachine.com/	
http://www.balsabridge.com/index.htm	
http://www.teachertube.com/view_video.php?viewkey=fe731dd78384d431be95	
http://www.nutsandboltsfoundation.org/Camps-2.html	
http://www.senteacher.org/wk/certs.php	
http://www.girlsgotech.org/crypticcodes.html	
http://www.jets.org/programs/nedc/index.cfm	Engineering Contest
http://www.concreteships.org/history/	
http://simcitysocieties.ea.com/index.php	Business/Government
http://www.calculatoredge.com/	Neat classroom tool
http://www.science.gov/	
http://www.growoklahoma.com/About_Grow_Oklahoma/_default.aspx	
http://www.flightlink.com/hardware/fixdwing/index.html	
http://www.hotseatinc.com/	