

Class #3

Digital Cameras

Bobby is excited about his photography project and has been doing well with his point-and-shoot camera. He wants to step it up with an entry-level DSLR camera that gives him more functionality and allows him to change lenses as he explores different types of photography. He also is looking for a camera that records video when the occasion arises. He has saved \$600 to buy his camera, not a penny more. So he needs to have enough money to buy the camera, buy a memory card (\$19.99), and pay taxes (8.25%). With that big of an investment, he wants to get the highest quality images and video as possible.

#1



Canon EOS Rebel T3i 18.0 MP DSLR Camera - Black - EF-S 18-55mm IS II Lens - \$529.99

- EF-S 18–55mm f/3.5–5.6 image-stabilized zoom lens included
- 18.0-megapixel CMOS sensor delivers vividly detailed high-resolution images
- 100–6,400 ISO range (expandable to 12,800) for crisp, clear photos even in low light
- Shoot confidently without sacrificing detail, even in extremely low light.
- Capture fast-action shots at up to 3.7 fps (frames per second)
- 3.0" ClearView rotating LCD monitor provides a bright, clear, wide-angle view, touchscreen
- Capture spectacular movies in Full 1080p HD
- DIGIC 4 image processors deliver remarkable power and performance
- 9-point autofocus provides accurate subject tracking
- 63-zone metering sensor measures scenes to reduce focus and exposure errors
- E-TTL II (Evaluative Through the Lens) auto flash ensures proper illumination
- Face-detection technology puts everybody in their best light
- Scene modes determine optimal settings based on the subject
- White balance controls deliver accurate, natural tones, regardless of lighting conditions
- Built-in pop-up flash features multiple modes for optimal lighting conditions
- Multiformat memory slot for storing or transferring data
- Battery and charger included
- Compatible with EF and EF-S lenses

#2



Nikon D3200 24.2 MP Digital SLR Camera - Black - AF-S DX 18-55mm VR Lens - \$480.00

- AF-S DX Zoom–Nikkor 18–55mm f/3.5–5.6G VR lens included
- 24.2-megapixel CMOS sensor delivers incredible detail and gorgeous enlargements
- ISO 100–6,400 (expandable to 12,800)
- Capture fast-action shots at up to 5 fps (frames per second)
- 3.0" LCD monitor makes it easy to frame the shot
- Capture striking movies in full 1080p HD. Shoot up to 30 fps in 1080p HD.
- EXPEED 3 image-processing engine delivers blazing speed and performance
- Eye-level single-lens reflex viewfinder provides virtually true-to-life image representation
- 11-point autofocus quickly tracks and locks onto your subject
- Selectable and customizable image capture preferences
- Simple one-button live view display activation
- Dust reduction system to safeguard image quality
- Pop-up flash unit with different modes
- Battery and charger included
- Multifformat memory slot for storing or transferring data

#3



Sony Alpha SLT-A65VK 24.3 MP Digital SLR Camera - DT 18-55mm Lens - \$569

- 24.3-megapixel Exmor APS-C-size CMOS sensor
- 18-55mm f/3.5-5.6 zoom lens included
- 3" Xtra Fine TruBlack TFT-LCD display
- 1920 x 1080 60p and 60i video recording
- Continuous-advance-priority AE
- ISO auto 100-1600, selectable 100-16,000 (equivalent)
- Full-time phase-detection AF
- 1,200-zone metering exposure controls
- Tru-Finder OLED EVF (electronic viewfinder)
- Built-in, pop-up auto flash
- BIONZ image processor
- 3D sweep panorama mode
- 6-image layering
- Battery and charger included
- Multicard slot

#4



Pentax K10D 10.2 MP Digital SLR Camera - Black - DA 18-55mm Lens - \$495

- 10.2-megapixel CCD captures enough detail for photo-quality 18 x 24-inch prints
- 18-55mm r/3.5-5.6 zoom lens
- 2.5-inch LCD display; kit includes 18-55mm f3.5-5.6 lens
- In-camera Shake Reduction (SR) and Dust Reduction (DR) systems; dust-proof, weather-resistant body
- Continuous shooting at approximately three images per second
- Battery and charger included
- Stores images on SD or SDHC memory cards; powered by lithium-ion battery D-LI50 (battery and charger included)
- Newly designed PRIME imaging engine
- Dust Removal system to help keep the CCD surface dust-free
- Dust-proof, weather-resistant construction
- Original exposure system for faithful reproduction of creative intentions
- Bright, clear viewfinder
- Auto sensitivity control up to ISO 1600
- Continuous shooting at approximately three images per second
- Reliable shutter unit
- 11-point wide-frame AF
- Extra-large, wide-view 2.5-inch LCD monitor
- Powerful rechargeable batteries for extended shooting
- Compatibility with supersonic motor-driven lenses

