ISAT SCIENCE SAMPLE ITEMS 4th GRADE 16
FOCUS: Simple Machines, Force, Motion Which will be attracted to a magnet? An object is placed on a table. A magnet is slowly moved Plastic ruler toward it. The object moves В Aluminum foil away from the magnet. The C Copper penny object is most likely -D Iron nail 17 another magnet What happens when two B a piece of glass negatively charged particles c a copper coin are next to each other? **D** an iron nail A The particles attract each other. **B** The particles repel each other. 21 C One particle becomes A force that slows down or uncharged. **D** One particle becomes stops the motion of a bicycle positively charged. **33** A sound Which scientist discovered the В heat laws of motion that describe friction how forces make objects **D** electricity move? A Isaac Newton Sally Ride C Thomas Edison Pat found a wooden box in his grandparents' garage. The top D Jane Goodall was nailed shut. He used a 40 crowbar to pry off the top. What type of simple machine Erin wants to make a tool that did Pat use? can be dipped into a bubble solution and used to blow bubbles. Which item would Pulley work best? В Lever C Inclined plane **D** Wedge A yardstick A wooden spoon A toothbrush A wire clothes hanger