SOLAR WATER HEATERS / SOLAR PANELS WORLD ASSOCIATION OF TECHNOLOGY TEACHERS https://www.facebook.com/groups/254963448192823/ www.technologystudent.com © 2023 V.Ryan © 2023 STAINLESS STEEL HOT WATER One common use of solar power is to heat TANK INCORPORATING **HEAT EXCHANGER** domestic water. Although a typical system is OUT expensive to buy, it pays for itself over a period of five to ten years. Also owning and using a MORE INFORMATION system, shows that the owner is serious about COLD saving energy and protecting the environment. WATER HERTEXCHANGER HOT TRANSFER **FLUID** SOLAR **COLLECTOR** COLD TRANSFER FLUID **ALUMINIUM FRAME GLASS SOLAR CELLS THERMAL INSULATOR WATER HEAT EXCHANGER TRANSFER HOT WATER** SURROUNDING COIL FLUID IN COIL TO THE HOME / TANK SOLAR PANEL HOT FLUID OUTLET V.Ryan © 2023 **COLD FLUID** TYPICAL HEAT EXCHANGER **TRANSFER INLET FLUID OUT** COLD **THERMAL** WATER **INSULATOR / BACKING** IN WORLD ASSOCIATION OF TECHNOLOGY TEACHERS https://www.facebook.com/groups/254963448192823/