

## **TEACHER TRILOBITE DAY – FAQ – October 12, 2019.**

### **INFORMATION FOR ALL TEACHERS and THEIR FAMILIES**

Arrive at UDig Fossil Quarry any time 9AM – 3PM.

Pay \$23 per adult fee to (20% discount) UDig (for all day fossil hunting, hammer, bucket, and reasonable assistance with polishing / collecting fossils).

\$10 per child 7 to 16.

Free if younger accompanied by Utah teacher / family.

Lunch provided for all at about 12:30 PM. Activity: Build a stratigraphic sandwich.

ADDITIONALLY, there's a WORKSHOP for 2 hr relicensure credit.

Enroll via MIDAS 42860.

### **FREQUENTLY ASKED QUESTIONS:**

#### **Where? UDig Quarry west of Delta**

For information about UDig Quarry including maps, instructions on how long it takes and what roads are most convenient. <http://www.u-digfossils.com/index.html>

### **FREQUENTLY ASKED QUESTIONS:**

**Can any Utah teacher go to that quarry with family that day and get the discount??** And be coached about fossils? YES

**Why would I take the OnTrack workshop?** In addition to being able to collect fossils as part of Teacher Trilobite Day and lunch, teachers can earn 2 hour USBE relicensure points.

**When will we be able to register via MIDAS?** MIDAS should be on-line significantly before the workshop. If not... not to worry! You'll get credit. Just show up, sign the roll, and it will work out!

**Do we need to bring equipment?** No. UDig provides rock hammers, safety glasses, and buckets for rocks with fossils. The fees are reduced for all Utah teachers on Teacher Trilobite Day, not just for teachers taking the workshop. SAFETY first, rocks move, be sensible. You must sign the UDig waiver and pay their fee to dig for fossils. There's no additional fee for the lunch / workshop.

### **Bring WATER, sun protection...**

**What about clothing?** Wear sensible shoes and clothes. October can be windy and chilly or uncomfortably hot. Rocks can be uncomfortable to sit on. I wear hiking boots, long pants, and may bring a cushion to sit on. I wear sunglasses and a hat to keep hair under control if windy. It's rarely buggy but can be. Most important, wear sensible shoes.

**Can family come too?** Yes for Teacher Trilobite Day in the quarry and for lunch. However, the USBE workshop session is for teachers. If youngsters are along, make sure someone is responsible for them while you're in the workshop.

**Will there be information about the trilobites?** YES, the quarry folks are wonderfully friendly, knowledgeable and accommodating staff  
LINK should work to simplified trilobite identification sheet.

Yes there is a workshop handout – click on this year’s Teacher Trilobite Day ... HANDOUT.

LINK to MP3 recordings of what can be seen along the way from Utah County to Delta to UDigFossils.. Note: when you have wifi service it can be streamed... but not when no service and for that, download beforehand. [Inactive LINK MP3 recordings](#). SAFETY FIRST. Do not take chances driving and watching geology. Hands on the wheel, eyes on the road. These recordings are for passengers.

**When do we have to arrive by?**

Get to the quarry any time 9 AM to 3PM to hunt for fossils.

Lunch will be ready around 12:30 PM.

**FUN?**

You bet.

**SPECIAL in 2019?**

Yes and no... Short introduction for Fifth Grade Teachers interested in the NEW (next year) Earth Science Standard 5.1 – Earth Systems. LINK to handout on Strand 5.1. Earth systems

Look around the quarry.... We’re surrounded by systems (cars, shed, dog, weather... ). Earth is best understood as a system. Accept the challenge of witnessing interactions among Earth’s four subsystems: the geosphere (solid Earth), hydrosphere (water Earth), atmosphere (gaseous Earth), and biosphere (living Earth including humans and our footprint). Specifically, recognize that PATTERNS on Earth’s surface result from PROCESSES. PROCESSES take energy and Earth’s ENERGY comes from (a) the sun, and (b) Earth’s interior. What processes of the hydrosphere impact the geosphere? Several, and, specifically EROSION. What processes of the geosphere impact the hydrosphere? Several, and, specifically TECTONICS makes some areas higher than others.