**Mapping a Cave**

Student Sheet

You are a group of cavers about to enter a wild cave. One caver reads the instructions and the compass to direct the group. One caver takes measurements from marker to marker. One caver graphs the path: direction and distance from the last marker.  
**Station One**Marker 1 Enter cave at SW corner.  
Marker 2 Move to next NE marker.

Marker 3 Move to next N marker.

Marker 4 Move to next NE marker.

Marker 5 Move to next N marker.

Marker 6 Move to next W marker.

Marker 7 Exit cave at next SW marker.

**Station Two**

Marker 1 Enter cave at SE corner.

Marker 2 Move to next W marker.

Marker 3 Move to next W marker.

Marker 4 Move to next N marker.

Marker 5 Move to next NE marker.

Marker 6 Move to next S marker.

Marker 7 Exit cave at next NE corner.

**Station Three**

Marker 1 Enter cave at NE corner.

Marker 2 Move to next SW marker.

Marker 3 Move to next SE marker.

Marker 4 Move to next S marker.

Marker 5 Move to next NW marker.

Marker 6 Move to next N marker.

Marker 7 Exit cave at next E marker

**Station Four**

Marker 1 Enter cave at NW corner.

Marker 2 Move to next SE marker.

Marker 3 Move to next S marker.

Marker 4 Move to next E marker.

Marker 5 Move to next SW marker.

Marker 6 Move to next S marker.

Marker 7 Exit cave at next NW marker.

**Station Five**

Marker 1 Enter cave at N side, one marker from the NE corner.

Marker 2 Move to next SW marker.

Marker 3 Move to next S marker.

Marker 4 Move to next W marker.

Marker 5 Move to next W marker.

Marker 6 Move to next NW marker.

Marker 7 Exit cave at next N marker.