

on Coal

ernie

this, Mr. Langer said that fish do not normally spawn where the water is very fast. Where water is slow, there is a tendency for mud and other debris to settle to the bottom, making the bottom unsuitable for spawning.

At this point, Mr. Langer presented a series of slides, showing the various situations he had previously described. The slides were not taken at Michel Creek.

He said sunlight plays a very important role in the viability of a stream's fishlife potential, because sunlight is necessary for the growth of algae.

"Algae take food out of the water, and with the aid of the sun's energy convert it. Invertebrates must feed on the algae," he stated.

He said that, above Open Cut Creek, he could see the bottom of Michel Creek. He said that the measure of determining turbidity of a stream is called a Jackson Turbidity Unit and that a stream with water containing a measure of 25 JTUs would be murky.

Referring to a sample of water allegedly from Michel Creek and measuring at 660 JYUs, Langer said this reading was "very high" and that no invertebrate or fish would survive in it.

Mr. Langer said that fish in water showing a turbidity of 66 JTUs could not see, and therefore would not feed and that fish quit pursuing lures when turbidity reaches 25 JTUs.

Referring to suspended solids, Mr. Langer said that 53 milligrams per litre was "within reason." At a test site below the confluence of the two creeks, he said, tests showed that the reading was 89 milligrams per litre, a rate which, he said, was "getting to levels of turbidity



AMONG TOP wood shop projects in Mick Washburn's eighth grade class this quarter were, left to right, David Herzog with his chess table and cribbage board, Lee Meyers with the octagon table and Bill Stratton with his desk. Keith Klingenberg photo.



Montana Highway Patrol cases in justice court of George Shay were:

Fraser John Baalim, 17, Whitefish, passing school bus red lights, \$35.

Lance Cole Beeche, 17, Whitefish, failure to drive in a careful and prudent manner, \$25.

Dirk Allan Erikson, Whitefish, driving without valid Mon-

Sally Rawn Damon, Columbia Falls, speeding, \$20.

Boyd Lynn Manus, 17, Hungry Horse, stop sign violation, \$20, speeding, driver's license suspended for 60 days.

Terrance John Top, Columbia Falls, failure to have driver's license in possession, \$20.

Dianne Marie Covell, Columbia Falls, reckless driving, \$50 and no valid driver's license, \$20.

The following each paid \$5 for exceeding the daytime speed limit:

Richard Lee Burke, Columbia Falls.

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