

## Worksheet 1

Name:

Date:

Mr. Müller spends his vacation in Berchtesgaden in a hotel close to the mountain lake, Königssee. On a Sunday morning he hikes around the lake.

While hiking he notices the clear water.

He would love to go swimming in it, because unlike his lake at home, the lakeshore zone of the Königssee has no seaweed or plankton. The view and the landscape are also much prettier than at home, where the cows of his



neighbour's farm stare at him. He wouldn't be annoyed by fish either. He could go into the water without getting muddy feet. Mr. Müller's travel guide informs him, though, that the lake is up to 190 metres deep. This seems far too risky to him as he is an inexperienced swimmer. After all he is able to stand in the lakeshore zone of his lake at home.

### Exercise:

Summarize all the differences between the Königssee and Mr. Müller's favourite lake at home. Speculate about the biological reasons for these differences.