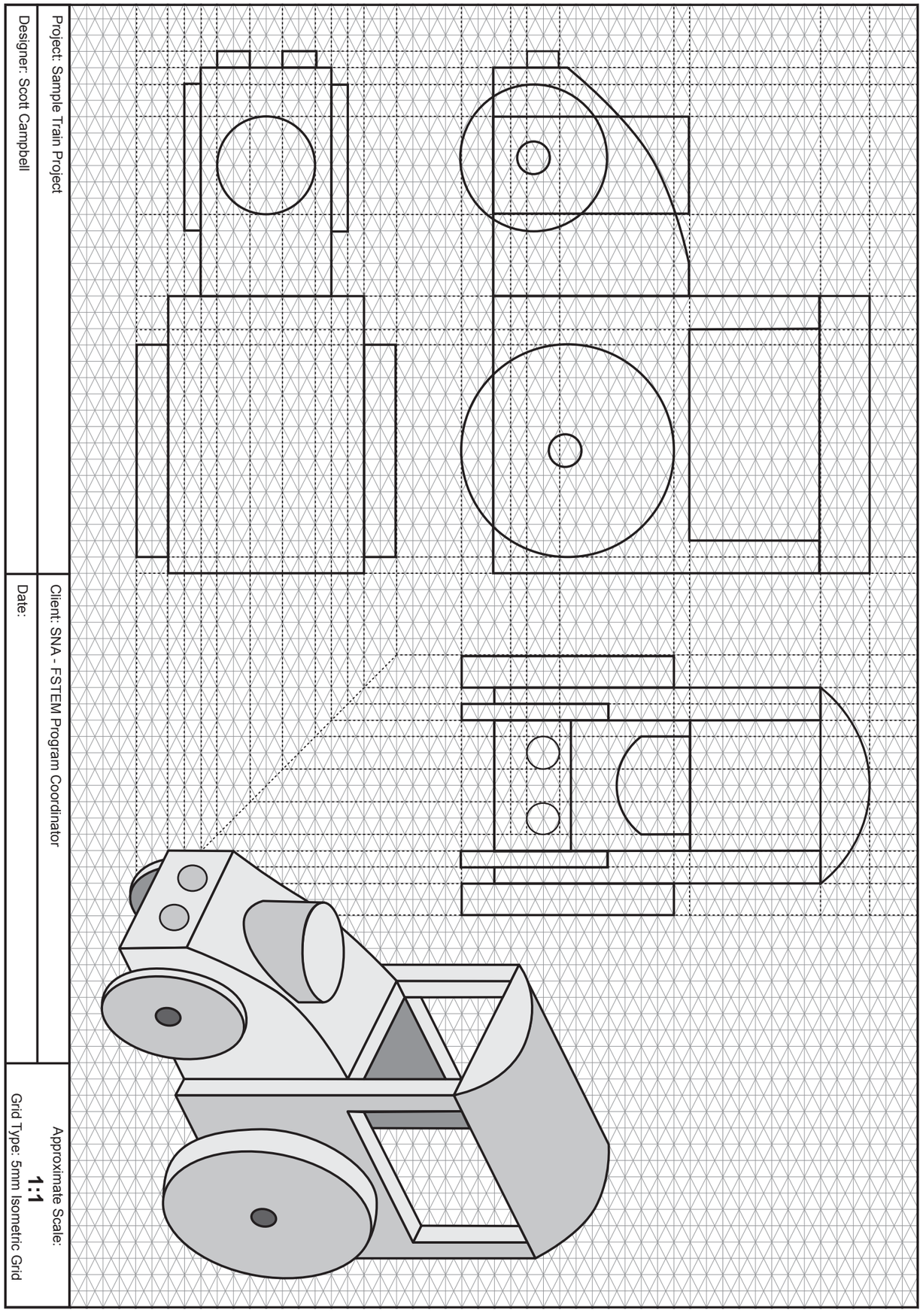


Original Technical Drawing 原创技术绘图

English Name 英文名字:_____ Grade and Class 年级班级:____-___

Project Overview 工程概况:

For this assignment you will be required to demonstrate your ability to draw “orthographic” and “isometric” drawings of a real 3-dimensional object.

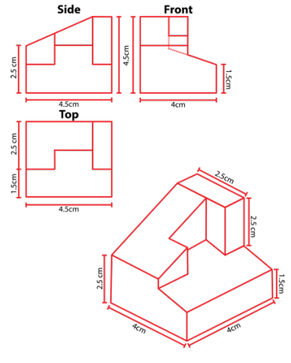
在这项作业中，你需要展示你绘制一个真实的三维物体的“正投影图”和“等距图”的能力。

Task: find an object that has a suitable size. It should be small enough that you can hold it in your hand, but big enough that you can draw detailed diagrams of the object. Choose an object that interests you and that is within your technical ability to draw. For example, you may decide to draw: a rubrics cube, a Lego block, a tea cup, a toy car, etc. Keep in mind that your object should have relatively simple edges. Don’t attempt to draw something with a complex or organic shape like a flower, or an engine.

任务：找一个大小适中的物体，既可以拿在手里，又可以画出该物体的细节部分。挑选一个你感兴趣、并且在你的绘画技术能力范围内的物体。例如，你可以决定画：一个魔方，一个乐高积木，一个茶杯，一辆玩具车，等等。请记住：你选择的物体最好有相对简单的边缘。不要试图画一些带有复杂的或有机的形状的物体，如一朵花，或一个引擎。

When completing your diagram you should try to align all 3 “orthographic” views (Front, Top, Side) and then draw your “isometric” drawing in the space that is left over. You can look at the example below for reference. A sample project has also been provided on the back page of this activity book. Don’t forget to add “labels” and “guide lines”. You should also try to include measurements in your diagram if possible.

当你完成你的图表时，你应该试着对齐 3 个“正投影”图(主视图，俯视图，侧视图)，然后在剩余的空白处画出你的“等距”图。你可以参考下面的示例。本活动书的末页也提供了一个示例项目。别忘了加上“标签（Front, Top, Side）”和“辅助线”。如果可能的话，你还应该尝试在制图中记录各条边的测量值（长宽高等）。



Project:	Client:	Approximate Scale: **1:____**
Designer:	Date:	Grid Type: 5mm Isometric Grid