**科技領域七年級112學年度第一學期補考 班級\_\_\_\_ 座號\_\_\_\_ 姓名\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* 生活科技教室安全使用規範：（1）勿攜帶食物、飲料到生活科技教室。（2）禁止在生活科技教室大聲喧嘩、嬉鬧、奔跑。（3）當同學在操作機具和設備，勿靠近，更不要和這位同學講話、嬉鬧。（4）因為生病服用任何藥物，或身體有不舒服，勿進入工作區，以避免發生危險。（5）進入生活科技教室請勿穿著拖鞋、寬鬆衣物或佩戴項鍊等，長髮務必綁紮牢固，穿長袖則須捲好袖子或搭配束口。（6）操作機具與設備時，務必穿著工作服或圍裙，配戴護目鏡、口罩；除學校公用護目鏡、口罩外，也可以自行購買使用。（7）使用尖銳或笨重機具時，務必小心安全，若機具有異音或異味，應即時向教師報告，不要勉強使用。（8）同學不小心受傷，無論是多小傷害，都應該立即向生活科技教師報告。（9）操作機具或設備時，每次僅能讓一位同學進入安全工作區，其他同學勿進入。（10）不隨便碰觸你不熟悉或不會操作的機具與設備，對於使用上有任何疑慮的機具，務必請教教師再操作。（11）機具使用完畢，應聽從生活科技教師指示，關閉所有機具、設備的電源。（12）務必保持工作區整潔，若有木屑、殘膠、油漆等髒汙，必須清理乾淨後再離開。
* 演算法是一種解決問題的方法，程式語言則是實踐演算法的工具。解決問題的方法與過程可以寫成具體的步驟，再依照步驟去執行。由於每人的思考模式不同，解決問題的辦法也不同，設計出來的演算法也會不同，但最重要的就是執行能產生正確的結果。電腦只是一部機器，為了要指揮電腦完成某項工作，就要配合演算法，編寫許多指令或敘述，這些為完成某項工作而依其邏輯順序寫成的一連串指令，就是程式。只要給予指令，電腦就照指令執行，最後輸出結果。

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