

Mini Medics Design Record

NAME _____ DATE _____ PERIOD _____

Design brief

The workbook presents a **future-technology design scenario**. Your team will design a tiny medical robot that could travel through blood vessels, reach a clot, act without damaging the vessel wall, and send a signal back to a trained medical team.

This is a classroom model, not medical advice and not a claim that the design is ready for use in people.

Plan before drawing

Nanobot name: _____

Size comparison: It is about _____

How doctors guide or track it: _____

TOOL OR FEATURE	WHAT IT DOES	HOW IT PROTECTS THE VESSEL
1.		
2.		
3.		

How it signals that the mission is complete: _____

Design check before drawing

- ☐ The size comparison names something a reader can picture.
- ☐ Three tools or features have different jobs.
- ☐ At least one feature helps protect the vessel wall.
- ☐ The design includes guidance or tracking.
- ☐ The design includes a completion signal.

Draw and label

Use this page or separate chart paper. Every label needs a purpose.

Map the journey

1. **Enter:** How does the nanobot enter the body in this fictional design?
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2. **Travel:** How is it guided through moving blood?
-
3. **Act:** What happens when it reaches the clot?
-
4. **Finish:** What happens after the mission?
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Evidence, not decoration

One design choice our team can defend: _____

Evidence a medical researcher would need before testing this idea further: _____