Vesper

Technical Specifications
Document

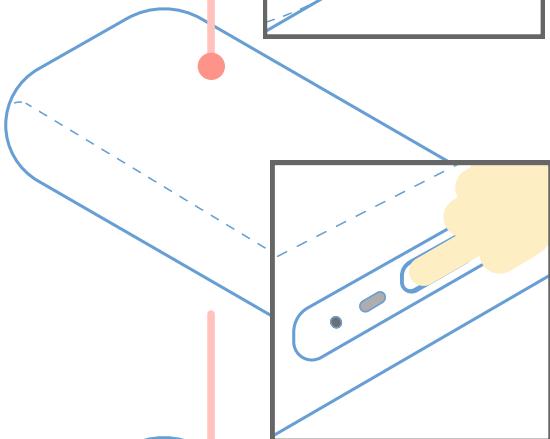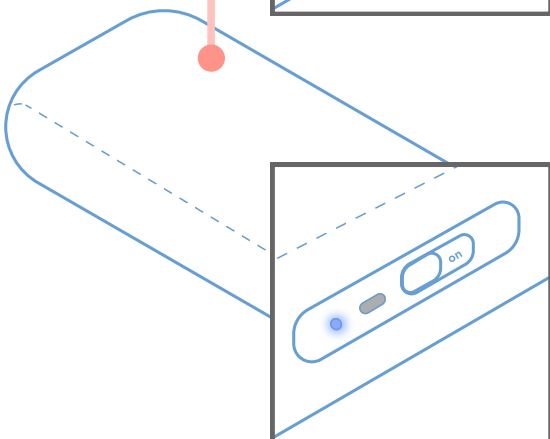Linas Staniukynas
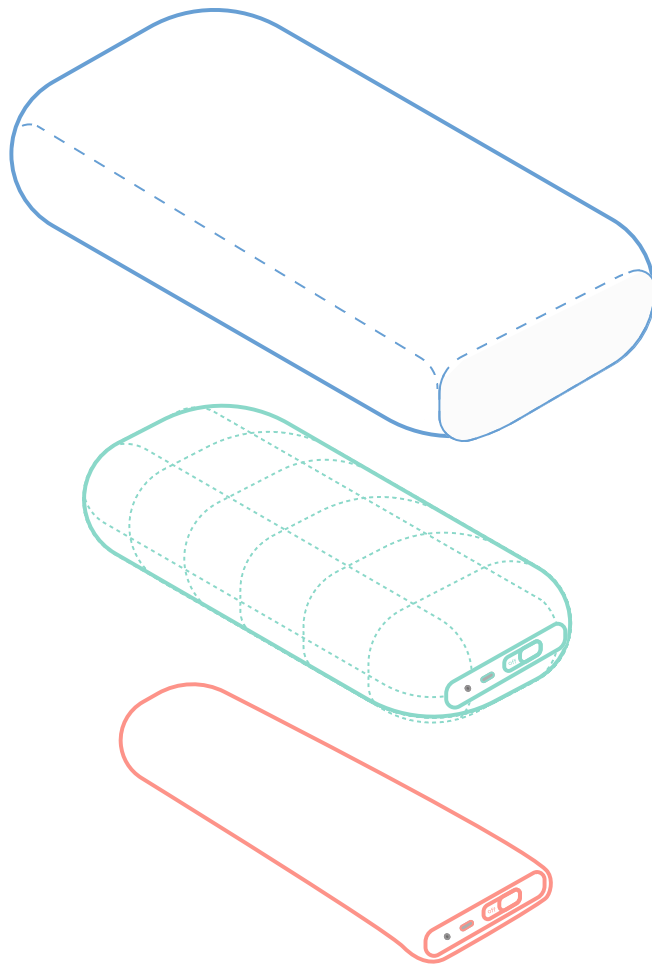
How To Turn On Vesper's Hard Switch
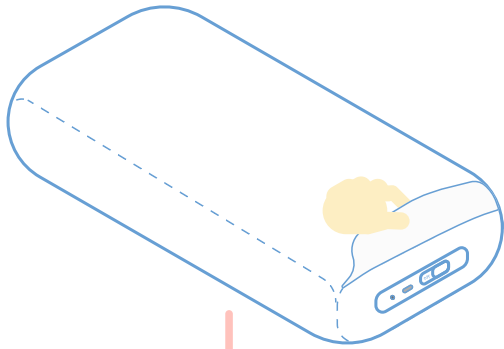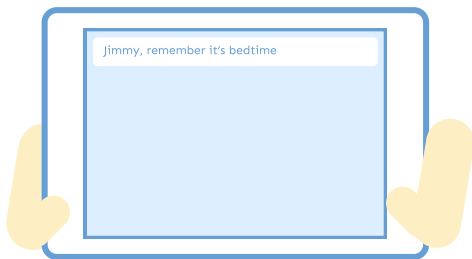
1 Locate and pull up the flap
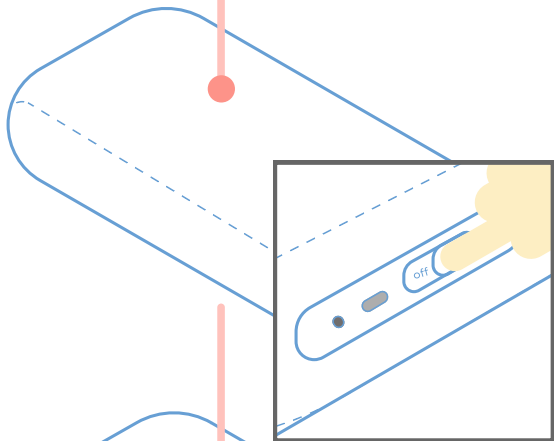
2 Slide the switch to ON position

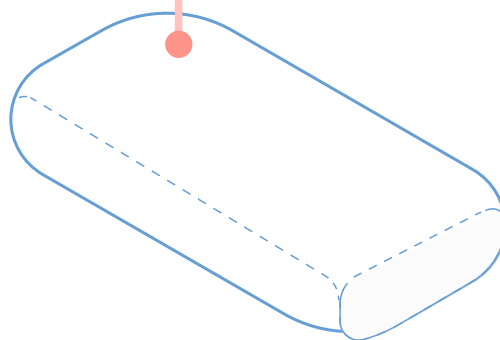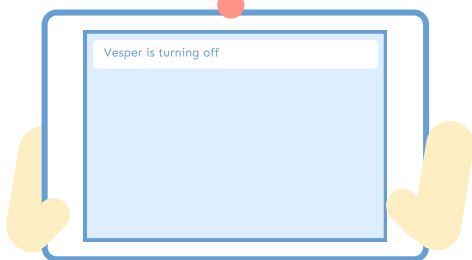**3** LED blinks three times shows Vesper is working as intended

How Vesper Responds To Prohibtted Device Use During Bedtime Hours

Jimmy, remember it's bedtime

1 Child receives a reminder that it's bedtime on their tablet
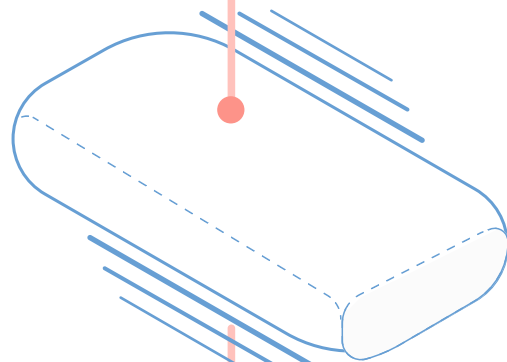
2 mins

2 After 2 minutes if the child persists to use the device, they are given a warning that Vesper is turning off

Vesper is turning off

5 mins

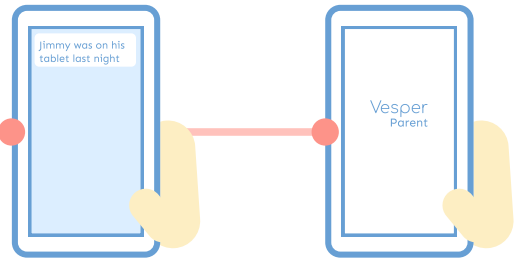**3** Vesper goes to standby mode - abruptly stops playing audio, heating and vibration on hug gets deactivated

4 After 5 minutes Vesper nudges child to put down the tablet by vibrating in bursts

5 mins

Jimmy was on his tablet last night

12 hours

Vesper
Parent

5 Vibrates for 5 seconds in 30 second intervals for 5 minutes

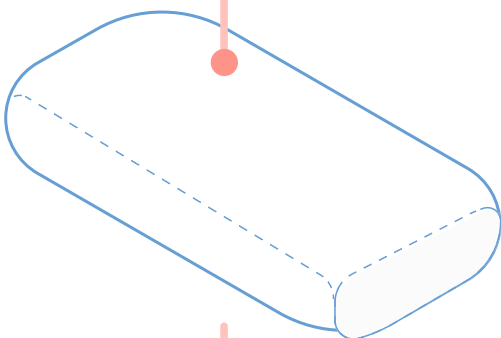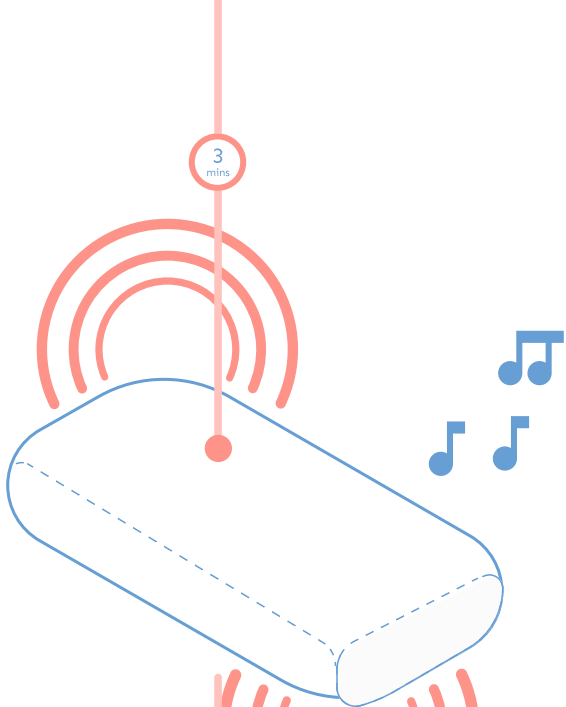**6** Parent receives a push notification at 12 p.m. the next day
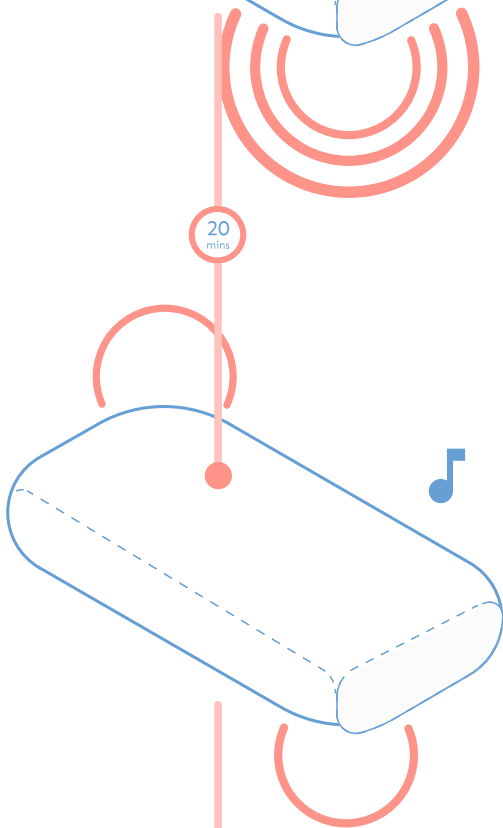
7 If tapped into, it opens Vesper Parent and informs about the importance of sleep and gives advice on how to talk to jimmy about it

8 If child ceases use of device, Vesper transitions to active mode
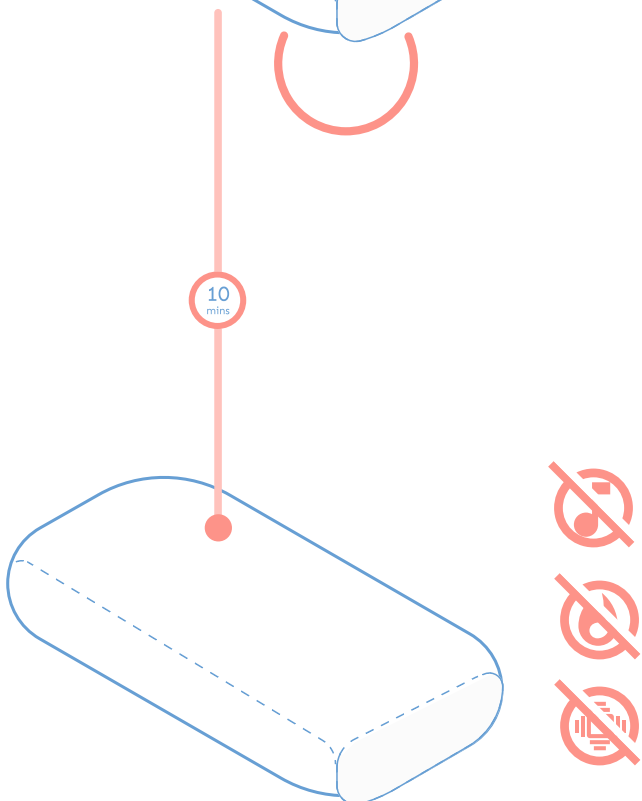
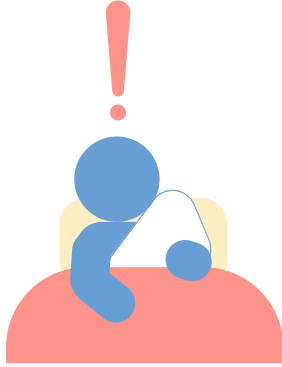**9** Temperature and audio ease into set settings over the course of 3 minutes

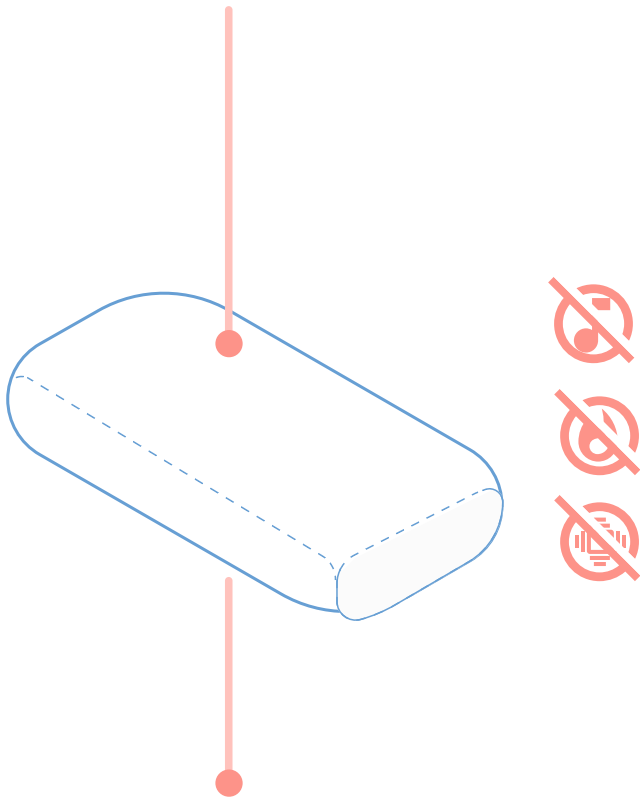**10** After 20 minutes Vesper begins to ease out temperature and audio for 10 minutes

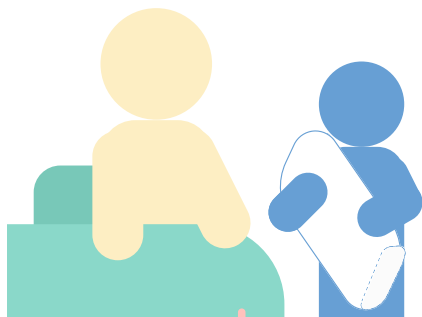**11** 9. All functions ceased - Vesper is in standby mode

3
mins

20
mins

10
mins

How Vesper Responds To Nighttime Awakenings On First Time Use
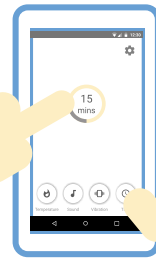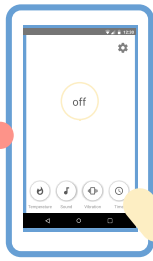
1 Child wakes ups at night
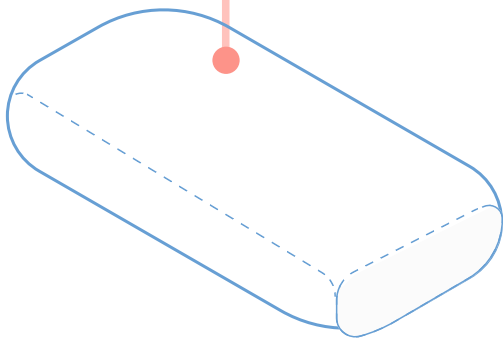
2 Vesper is in standby mode

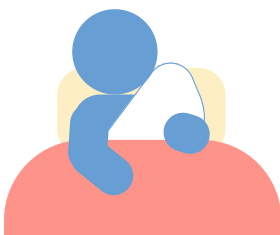**3** Child goes to Parent's bedroom and wakes them up
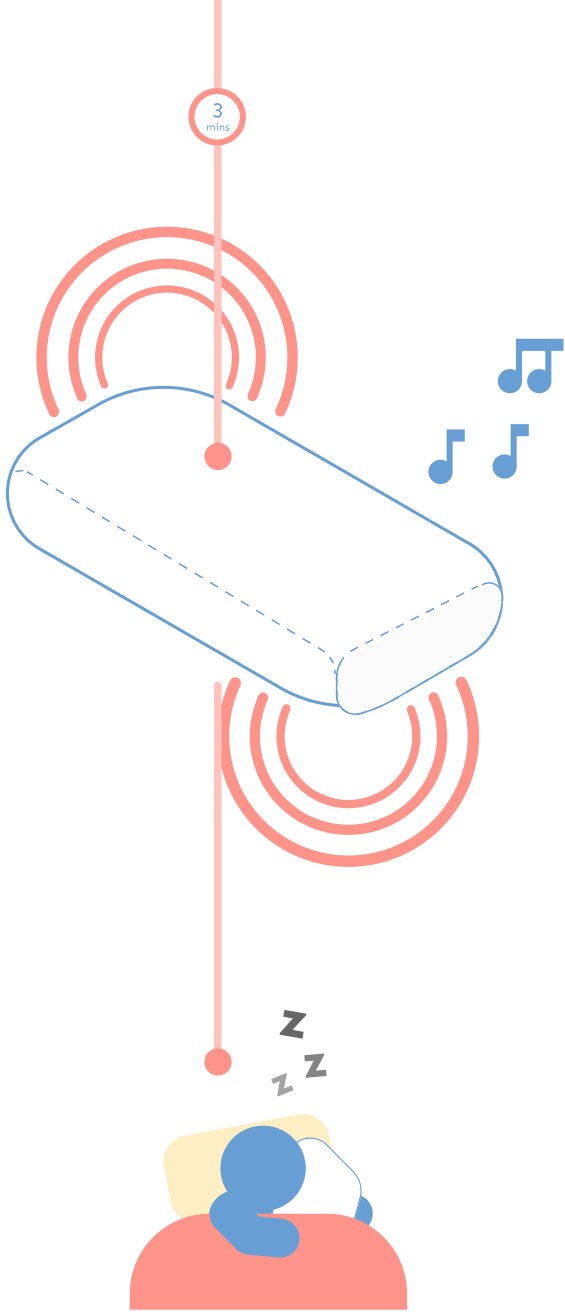
4 Parent opens up Vesper Parent

5 Selects the duration and starts Vesper plush once again
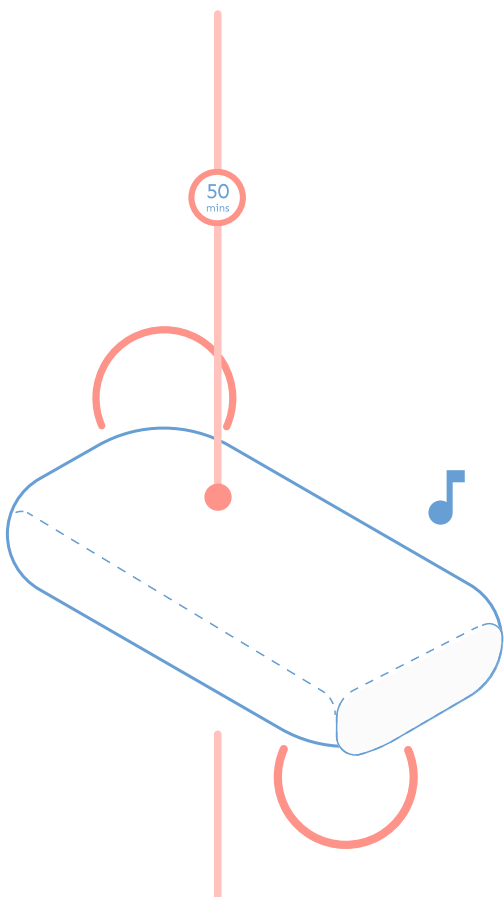
6 Vesper transitions to active mode

7 Child returns to bed

8 Temperature and audio ease into set settings over the course of 3 minutes
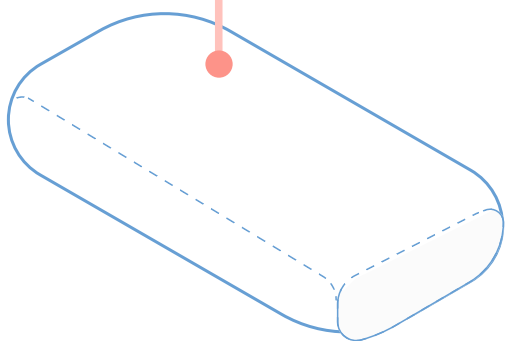
3 mins

9 Child falls asleep

10 After 50 minutes Vesper begins to ease out temperature and audio for 10 minutes
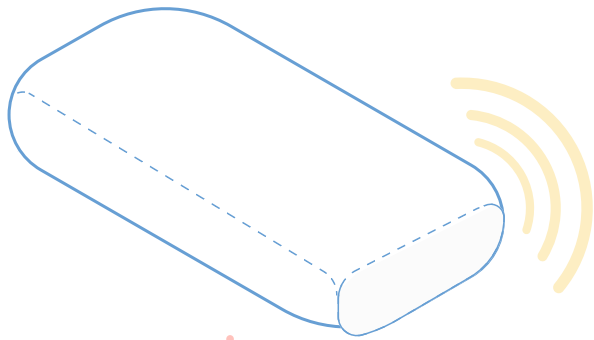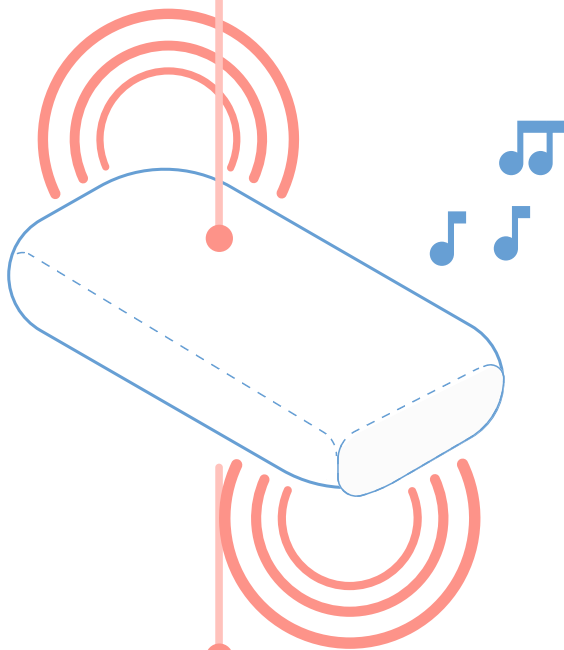
50 mins

10
mins

11 All functions ceased -
Vesper is in standby
mode

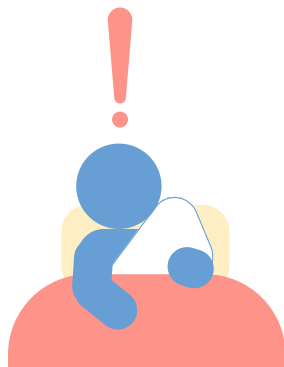# How Vesper Responds To Nighttime Awakenings For Frequent Users

3
mins

1 Vesper receives order to activate for predicted awakening from forming pattern of previous awakenings
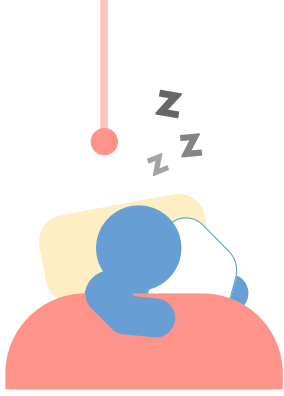
2 Temperature and audio ease into set settings over the course of 3 minutes

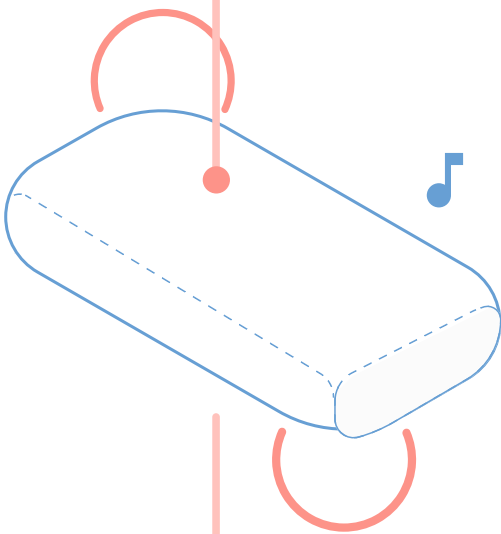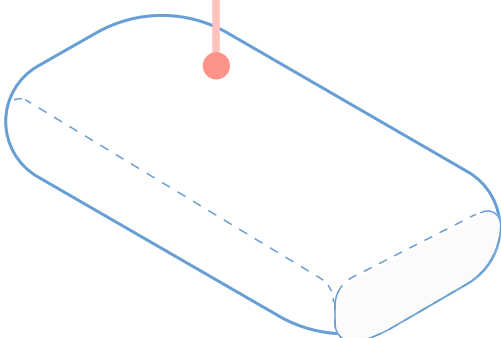3 Child wakes ups at night

4 Child falls back asleep

5 After 20 minutes Vesper begins to ease out temperature and audio for 10 minutes

6 All functions ceased - Vesper is in standby mode